

Converting Colors

XYZ(84.1691, 91.1258,
103.3267)

Have a look what the booklet for
XYZ(84.1691, 91.1258, 103.3267)
contains.

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Color

**XYZ(84.4270, 91.3606,
103.6271)**

Conversions

Conversions Part 1

Format	Color
Hex	E9F8FA
RGB	233, 248, 250
RGB Percent	91%, 97%, 98%
CMY	0.0863, 0.0274, 0.0196
CMYK	0.07, 0.01, 0.00, 0.02
HSL	187°, 63%, 95%
HSV	187°, 7%, 98%
XYZ	84.4270, 91.3606, 103.6271
YIQ	243.7430, -9.5820, -2.5580

Conversions

Conversions Part 2

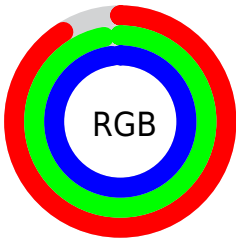
Format	Color
R _Y B	233, 241, 250
Decimal	15333626
CIE Lab	96.56, -4.53, -2.66
CIE LCh	97, 5.253, 210.459
Yxy	91.3606, 0.3022, 0.3270
Android (android.graphics.Color)	4293523706 (0xFFE9F8FA)
YUV	243.7430, 3.0847, -9.4216
Hunter-Lab	95.5827, -9.6030, 2.6280

Details

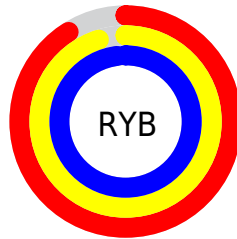
The XYZ color **84.4270, 91.3606, 103.6271** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.8410, 85.6231, 89.2002**, and the grayscale version is **85.7675, 90.2341, 98.2650**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.7187, 50.9414, 58.4093** is the 20% darker color. If you saturate the color by 10%, you get **75.9421, 85.6596, 102.9753**, and if you desaturate by 10%, it is **92.9744, 97.1198, 104.2897**.

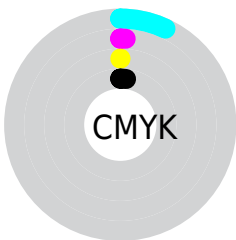
Distribution



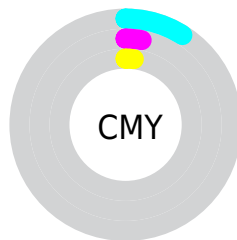
- Red (91%)
- Green (97%)
- Blue (98%)



- Red (91%)
- Yellow (95%)
- Blue (98%)



- Cyan (7%)
- Magenta (1%)
- Yellow (0%)
- Black (2%)



- Cyan (9%)
- Magenta (3%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.4270, 91.3606, 103.6271 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 84.4270, 91.3606, 103.6271 by changing the saturation by 10% instead.

84.4270, 91.3606,
103.6271

84.4270, 91.3606,
103.6271

498.2424,
532.4470, 593.1057

63.6889, 69.1097,
78.6994

138.4905,
149.2269, 168.2280

46.6595, 50.8010,
58.1288

172.5466,
185.6110, 208.7383

32.9734, 36.0503,
41.4969

211.7729,
227.4751, 255.2798

22.2652, 24.4730,
28.3849

256.5345,
275.2033, 308.2712

14.1696, 15.6849,
18.3744

307.1969,
329.1803, 368.1309

8.3212, 9.3015,
11.0469

364.1255,

4.3547, 4.9383,

389.7903, 435.2775

5.9838

427.6855,
457.4177, 510.1296

■ 1.9047, 2.2111,
2.7666

■ 0.5796, 0.7260,
0.9767

■ 84.4270, 91.3606,
103.6271

■ 84.4270, 91.3606,
103.6271

■ 75.9421, 85.6596,
102.9753

■ 92.9744, 97.1198,
104.2897

■ 68.5766, 80.5541,
102.3781

■ 93.8983, 98.9676,
104.5976

■ 62.2812, 76.0211,
101.8349

■ 94.2556, 99.6822,
104.7167

■ 57.0000, 72.0317,
101.3432

■ 52.6719, 68.5542,
100.9001

■ 49.2291, 65.5536,
100.5024

■ 46.5948, 62.9903,
100.1465

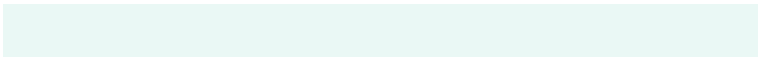
■ 44.6788, 60.8176,
99.8281

■ 43.3672, 58.9767,
99.5419

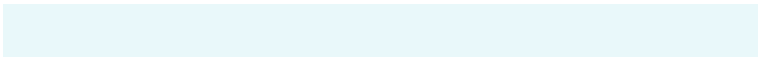
Harmonies

Analogous

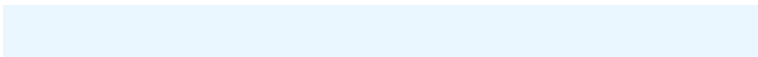
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.0457, 91.3606, 99.5408



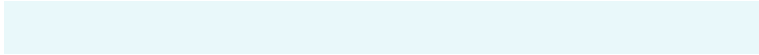
84.4270, 91.3606, 103.6271



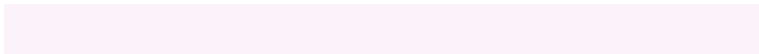
85.4523, 91.3606, 106.6702

Triad

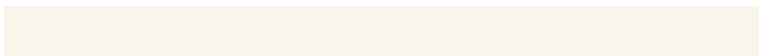
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.4270, 91.3606, 103.6271



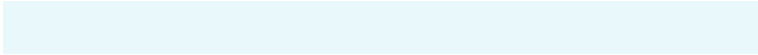
89.3124, 91.3606, 103.5121



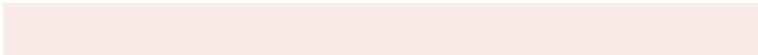
86.8129, 91.3606, 91.6158

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



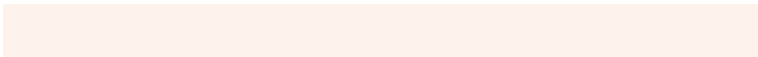
84.4270, 91.3606, 103.6271



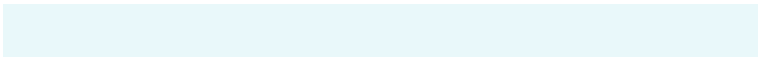
83.8410, 85.6231, 89.2002

Split Complementary

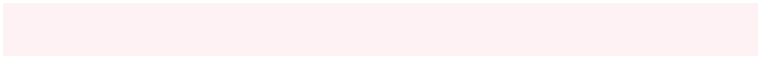
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.2335, 91.3606, 92.6131



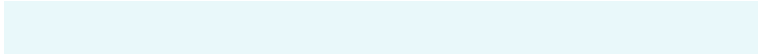
84.4270, 91.3606, 103.6271



89.6864, 91.3606, 99.4115

Square

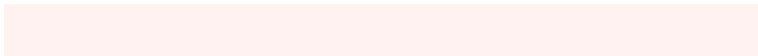
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



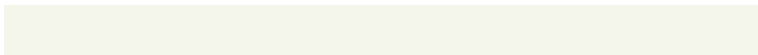
84.4270, 91.3606, 103.6271



88.2731, 91.3606, 106.6024



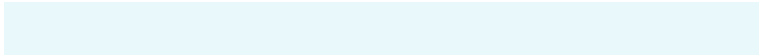
89.2894, 91.3606, 95.4376



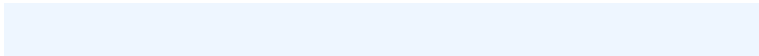
85.4137, 91.3606, 92.6748

Rectangle

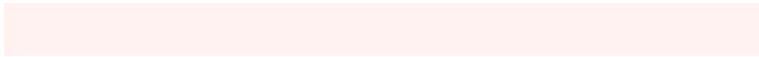
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



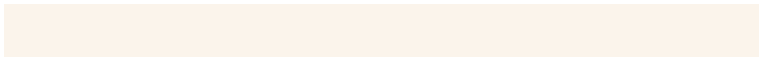
84.4270, 91.3606, 103.6271



86.3688, 91.3606, 107.6562



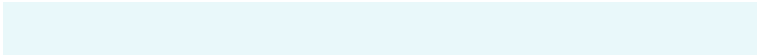
89.2894, 91.3606, 95.4376



87.3038, 91.3606, 91.7214

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



84.4296, 91.3645, 103.6291



93.0078, 98.6640, 108.7498



82.7843, 91.6936, 91.9215



19.9289, 21.1322, 23.2785



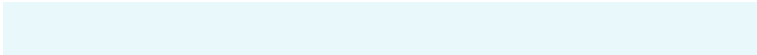
0.0000, 0.0000, 0.0000



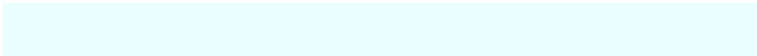
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.4296, 91.3645, 103.6291



87.1796, 94.8153, 108.3141



81.8790, 86.2632, 102.7789



17.5816, 19.2401, 22.1723



22.8879, 31.1313, 52.7762



2.1675, 2.9787, 4.9039

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



85.5086, 85.3809, 100.7849



88.5006, 87.5145, 104.8261



86.3292, 90.5996, 90.0296



17.9001, 17.4874, 21.3297



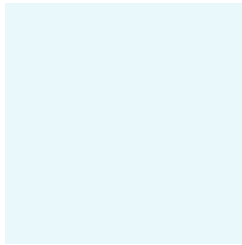
27.8448, 13.5536, 37.4865



2.6030, 1.2649, 3.5987

Previews

White Background



This preview shows how the XYZ color 84.4270, 91.3606, 103.6271 looks on a white background.

Color Contrast Check

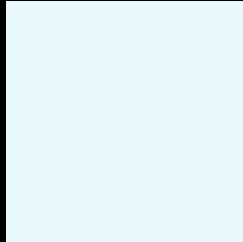
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 84.4270, 91.3606, 103.6271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

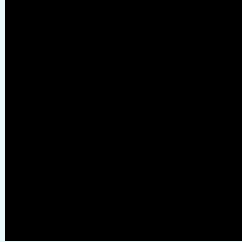
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.4270, 91.3606, 103.6271

Background



This preview shows how black text looks on a background with the XYZ color 84.4270, 91.3606, 103.6271.



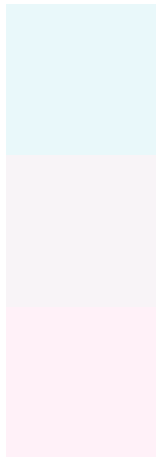
This preview shows how white text looks on a background with the XYZ color 84.4270, 91.3606,

103.6271.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

84.4270, 91.3606, 103.6271

Protanopia

87.8506, 91.3732, 101.0023

Deuteranopia

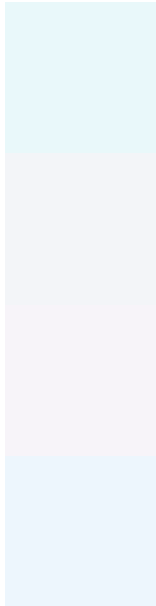
89.6386, 90.9479, 101.6372



Tritanopia

86.6376, 91.0501, 107.6159

Trichromacy



Original Color

84.4270, 91.3606, 103.6271

Protanomaly

86.5578, 91.1368, 101.8360

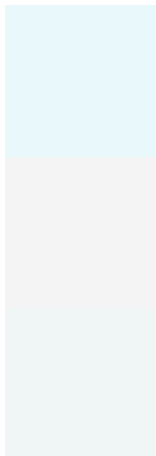
Deuteranomaly

87.8073, 91.3151, 102.6202

Tritanomaly

85.6104, 91.0079, 105.9826

Monochromacy



Original Color

84.4270, 91.3606, 103.6271

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

85.2221, 90.4839, 100.1622

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.4270, 91.3606, 103.6271 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(233, 248, 250)` looks like.

```
.text, #text, p{  
    color:rgb(233, 248, 250)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(233, 248, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 248, 250) }
```

Border

The CSS property to change the border of an element to XYZ 84.4270, 91.3606, 103.6271 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(233, 248, 250) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(233, 248, 250) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(233, 248, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 248, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 248, 250);  
box-shadow:4px 4px 4px 4px rgb(233, 248,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 84.4270, 91.3606, 103.6271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 248, 250) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(233,  
248, 250) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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