

Converting Colors

XYZ(81.3547, 89.0042,
103.3355)

Have a look what the booklet for
XYZ(81.3547, 89.0042, 103.3355)
contains.

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Color

**XYZ(81.2624, 88.8212,
103.3037)**

Conversions

Conversions Part 1

Format	Color
Hex	E1F6FA
RGB	225, 246, 250
RGB Percent	88%, 96%, 98%
CMY	0.1176, 0.0353, 0.0196
CMYK	0.10, 0.02, 0.00, 0.02
HSL	190°, 71%, 93%
HSV	190°, 10%, 98%
XYZ	81.2624, 88.8212, 103.3037
YIQ	240.1770, -13.8000, -3.2080

Conversions

Conversions Part 2

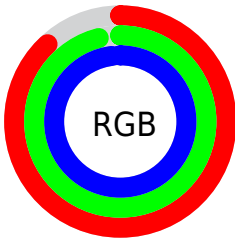
Format	Color
R _Y B	225, 236, 250
Decimal	14808826
CIE Lab	95.51, -6.07, -4.27
CIE LCh	96, 7.425, 215.132
Yxy	88.8212, 0.2972, 0.3249
Android (android.graphics.Color)	4292998906 (0xFFE1F6FA)
YUV	240.1770, 4.8427, -13.3102
Hunter-Lab	94.2450, -11.0178, 0.9826

Details

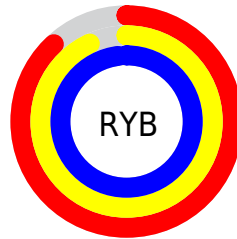
The XYZ color **81.2624, 88.8212, 103.3037** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.0347, 81.7984, 82.7533**, and the grayscale version is **82.9362, 87.2553, 95.0210**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.7286, 49.2680, 58.1912** is the 20% darker color. If you saturate the color by 10%, you get **72.8303, 82.6915, 102.5664**, and if you desaturate by 10%, it is **90.8669, 95.5989, 104.1071**.

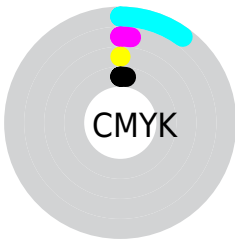
Distribution



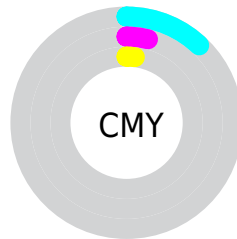
- Red (88%)
- Green (96%)
- Blue (98%)



- Red (88%)
- Yellow (93%)
- Blue (98%)



- Cyan (10%)
- Magenta (2%)
- Yellow (0%)
- Black (2%)



- Cyan (12%)
- Magenta (4%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.2624, 88.8212, 103.3037 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 81.2624, 88.8212, 103.3037 by changing the saturation by 10% instead.

81.2624, 88.8212,
103.3037

81.2624, 88.8212,
103.3037

487.8491,
524.1888, 592.0704

61.0698, 67.0034,
78.4302

134.0804,
145.6999, 167.7812

44.5342, 49.0874,
57.9089

167.4364,
181.5296, 208.2223

31.2904, 34.6888,
41.3212

205.9110,
222.7986, 254.6898

20.9730, 23.4232,
28.2486

249.8695,
269.8915, 307.6020

13.2166, 14.9063,
18.2725

299.6771,
323.1925, 367.3777

7.6559, 8.7537,
10.9743

355.6994,

3.9255, 4.5809,

383.0862, 434.4353

5.9356

418.3016,
449.9568, 509.1933

■ 1.6601, 2.0035,
2.7378

■ 0.4311, 0.6095,
0.9624

■ 81.2624, 88.8212,
103.3037

■ 81.2624, 88.8212,
103.3037

■ 72.8303, 82.6915,
102.5664

■ 90.8669, 95.5989,
104.1071

■ 65.5134, 77.1728,
101.8868

■ 93.9368, 99.0447,
104.6104

■ 59.2610, 72.2413,
101.2644

■ 94.2556, 99.6822,
104.7167

■ 54.0156, 67.8670,
100.6966

■ 49.7140, 64.0171,
100.1802

■ 46.2858, 60.6551,
99.7120

■ 43.6504, 57.7391,
99.2880

■ 41.7118, 55.2194,
98.9038

■ 40.3116, 53.0142,
98.5520

Harmonies

Analogous

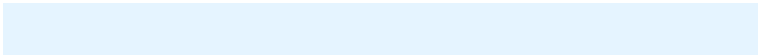
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.5847, 88.8212, 97.7170



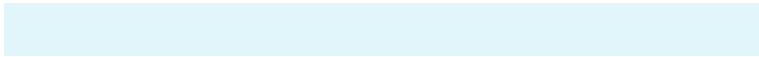
81.2624, 88.8212, 103.3037



82.7872, 88.8212, 107.2377

Triad

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



81.2624, 88.8212, 103.3037



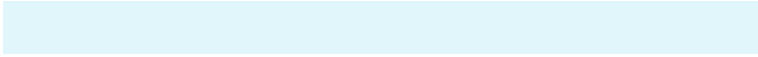
88.0216, 88.8212, 101.5002



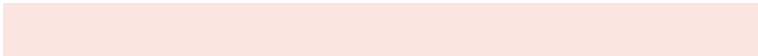
84.0724, 88.8212, 85.9748

Complementary

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



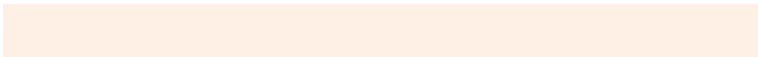
81.2624, 88.8212, 103.3037



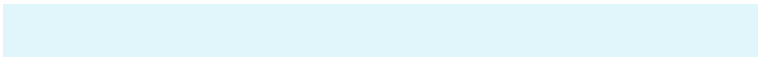
81.0347, 81.7984, 82.7533

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.



86.0779, 88.8212, 86.8971



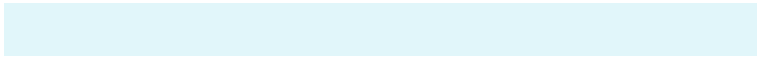
81.2624, 88.8212, 103.3037



88.3790, 88.8212, 95.7123

Square

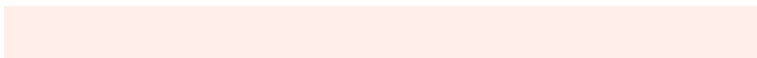
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.2624, 88.8212, 103.3037



86.6935, 88.8212, 106.1675



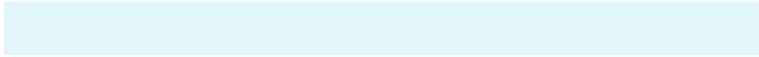
87.6622, 88.8212, 90.4053



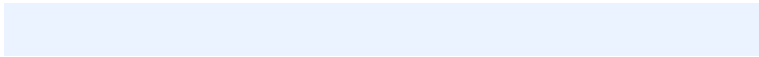
82.1903, 88.8212, 87.8338

Rectangle

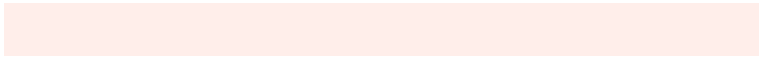
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



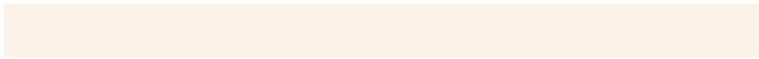
81.2624, 88.8212, 103.3037



84.0903, 88.8212, 108.3110



87.6622, 88.8212, 90.4053



84.7543, 88.8212, 85.9706

Sweetspot

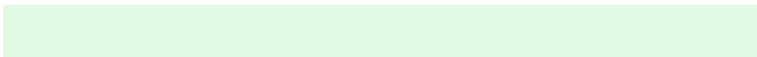
The Sweet Spot groups the original color and five complimentary colors.



81.2650, 88.8249, 103.3057



91.9024, 97.8001, 108.6413



79.3463, 90.0234, 87.1416



19.4950, 20.8096, 23.2391



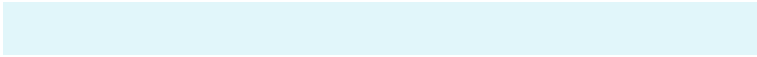
0.0000, 0.0000, 0.0000



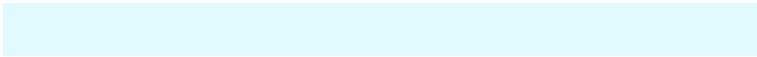
20.3446, 21.4041, 23.3091

Same Dimension

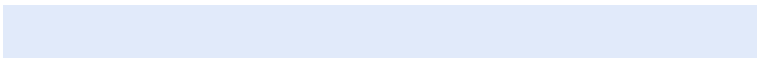
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.2650, 88.8249, 103.3057



83.1339, 91.5699, 107.9009



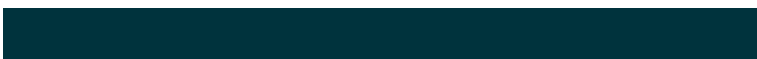
77.6598, 81.6146, 102.1039



17.5157, 19.1082, 22.1504



21.4712, 28.2979, 52.3039



2.0498, 2.7433, 4.8647

Inverse Universe

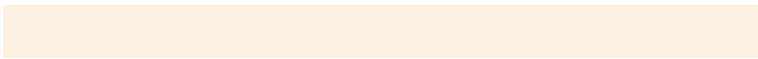
The Inverse Universe completely reimagines the original color for something new.



82.9861, 80.8300, 98.4210



85.2756, 81.6955, 101.8060



84.5457, 88.8204, 83.9236



17.8668, 17.4741, 21.1545



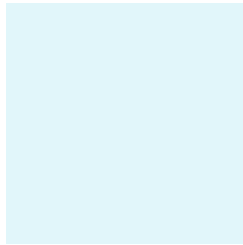
27.1297, 13.2676, 33.7210



2.5436, 1.2412, 3.2859

Previews

White Background



This preview shows how the XYZ color 81.2624, 88.8212, 103.3037 looks on a white background.

Color Contrast Check

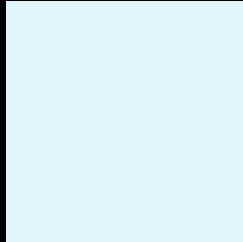
Large Text (above 18pt) WCAG AA × Fail

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 81.2624, 88.8212, 103.3037 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 81.2624, 88.8212, 103.3037

Background



This preview shows how black text looks on a background with the XYZ color 81.2624, 88.8212, 103.3037.

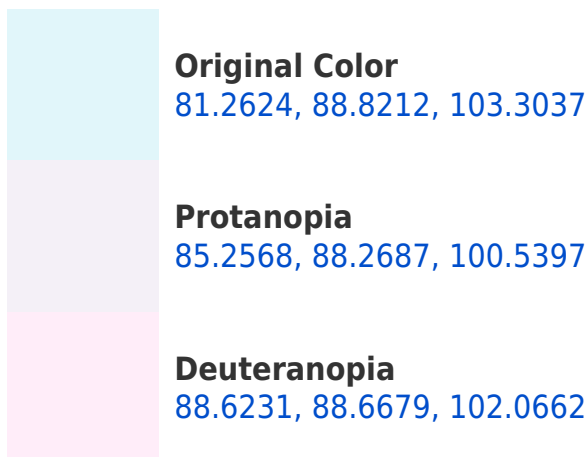


This preview shows how white text looks on a background with the XYZ color 81.2624, 88.8212,

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

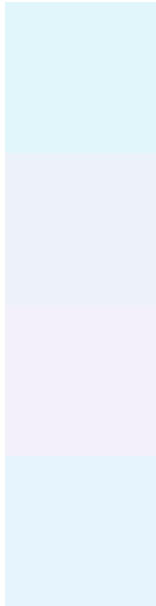




Tritanopia

83.7049, 88.6448, 107.3062

Trichromacy



Original Color

81.2624, 88.8212, 103.3037

Protanomaly

83.6205, 88.2861, 101.4406

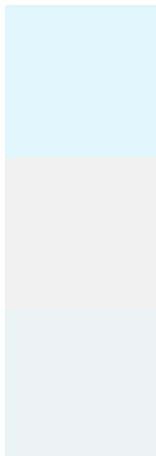
Deuteranomaly

85.5672, 88.3928, 102.1742

Tritanomaly

82.7134, 88.6162, 105.6737

Monochromacy



Original Color

81.2624, 88.8212, 103.3037

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

82.3422, 87.6981, 98.1755

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.2624, 88.8212, 103.3037 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(225, 246, 250)` looks like.

```
.text, #text, p{  
    color:rgb(225, 246, 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(225, 246, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 246, 250) }
```

Border

The CSS property to change the border of an element to XYZ 81.2624, 88.8212, 103.3037 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(225, 246, 250) }
```


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

```
.border{ border-color:rgb(225, 246, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 246, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 246, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 246, 250);  
box-shadow:4px 4px 4px 4px rgb(225, 246,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 81.2624, 88.8212, 103.3037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 246, 250) }
```

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

```
.background{ background-color: rgb(225,  
246, 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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