

Converting Colors

XYZ(83.6961, 91.8796,
101.2341)

Have a look what the booklet for
XYZ(83.6961, 91.8796, 101.2341)
contains.

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Color

**XYZ(83.6072, 91.9096,
101.3294)**

Conversions

Conversions Part 1

Format	Color
Hex	E6FAF7
RGB	230, 250, 247
RGB Percent	90%, 98%, 97%
CMY	0.0980, 0.0196, 0.0314
CMYK	0.08, 0.00, 0.01, 0.02
HSL	171°, 67%, 94%
HSV	171°, 8%, 98%
XYZ	83.6072, 91.9096, 101.3294
YIQ	243.6780, -10.9570, -5.1730

Conversions

Conversions Part 2

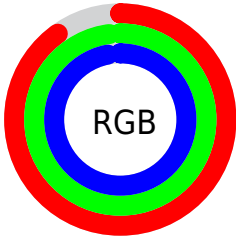
Format	Color
R _Y B	230, 241, 250
Decimal	15137527
CIE Lab	96.78, -7.06, -0.81
CIE LCh	97, 7.105, 186.545
Yxy	91.9096, 0.3020, 0.3320
Android (android.graphics.Color)	4293327607 (0xFFE6FAF7)
YUV	243.6780, 1.6377, -11.9956
Hunter-Lab	95.8695, -12.1029, 4.4420

Details

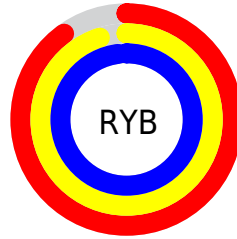
The XYZ color **83.6072, 91.9096, 101.3294** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.4325, 82.8032, 88.7330**, and the grayscale version is **85.7276, 90.1921, 98.2192**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.1513, 51.3438, 56.7681** is the 20% darker color. If you saturate the color by 10%, you get **75.5796, 87.8400, 97.9614**, and if you desaturate by 10%, it is **92.8015, 96.5843, 104.8167**.

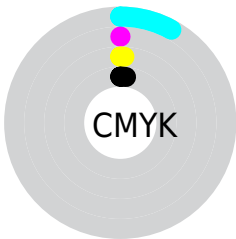
Distribution



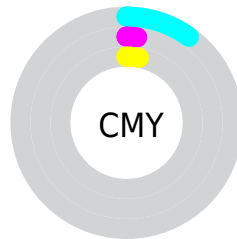
- Red (90%)
- Green (98%)
- Blue (97%)



- Red (90%)
- Yellow (95%)
- Blue (98%)



- Cyan (8%)
- Magenta (0%)
- Yellow (1%)
- Black (2%)



- Cyan (10%)
- Magenta (2%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 83.6072, 91.9096, 101.3294 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 83.6072, 91.9096, 101.3294 by changing the saturation by 10% instead.

83.6072, 91.9096,
101.3294

83.6072, 91.9096,
101.3294

495.5613,
534.2233, 585.7295

63.0098, 69.5655,
76.7882

137.3497,
149.9881, 165.0507

46.1078, 51.1724,
56.5685

171.2255,
186.4913, 205.0678

32.5359, 36.3459,
40.2519

210.2581,
228.4831, 251.0806

21.9287, 24.7014,
27.4197

254.8129,
276.3477, 303.5077

13.9208, 15.8547,
17.6535

305.2553,
330.4697, 362.7676

8.1469, 9.4214,
10.5346

361.9506,

4.2417, 5.0171,

391.2333, 429.2789

5.6446

425.2641,
459.0231, 503.4600

■ 1.8398, 2.2573,
2.5650

■ 0.5415, 0.7510,
0.8743

■ 83.6072, 91.9096,
101.3294

■ 83.6072, 91.9096,
101.3294

■ 75.5796, 87.8400,
97.9614

■ 92.8015, 96.5843,
104.8167

■ 68.6629, 84.3393,
94.7041

■ 93.3986, 96.8232,
107.9609

■ 62.8074, 81.3842,
91.5567

■ 93.4773, 96.8547,
108.3758

■ 57.9565, 78.9458,
88.5160

■ 54.0486, 76.9921,
85.5790

■ 51.0147, 75.4878,
82.7420

■ 48.7769, 74.3925,
80.0010

■ 47.2429, 73.6587,
77.3513

■ 46.2873, 73.2219,
74.7867

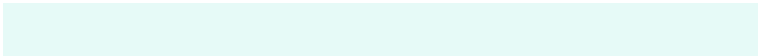
Harmonies

Analogous

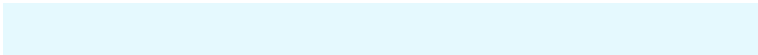
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.8906, 91.9096, 95.7711



83.6072, 91.9096, 101.3294



84.3163, 91.9096, 106.7486

Triad

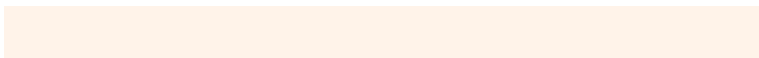
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.6072, 91.9096, 101.3294



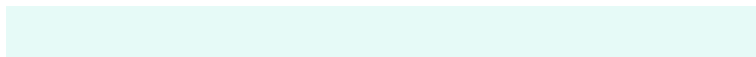
89.6578, 91.9096, 109.1475



88.8907, 91.9096, 90.3448

Complementary

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



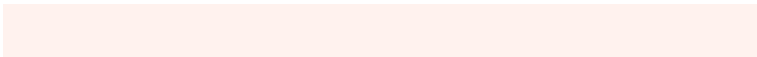
83.6072, 91.9096, 101.3294



82.4325, 82.8032, 88.7330

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.



90.4706, 91.9096, 93.6835



83.6072, 91.9096, 101.3294



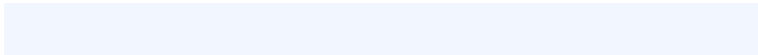
90.9182, 91.9096, 104.5037

Square

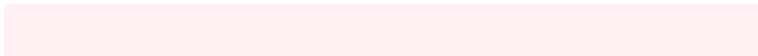
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.6072, 91.9096, 101.3294



87.7946, 91.9096, 111.3718



91.2179, 91.9096, 98.8289



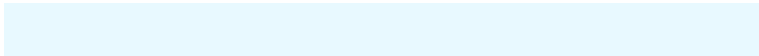
86.9215, 91.9096, 89.5672

Rectangle

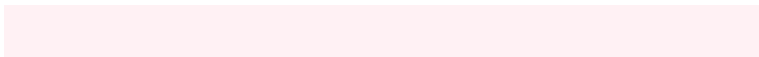
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



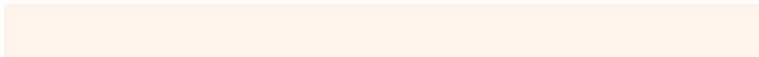
83.6072, 91.9096, 101.3294



85.2628, 91.9096, 109.5074



91.2179, 91.9096, 98.8289



89.4858, 91.9096, 91.1984

Sweetspot

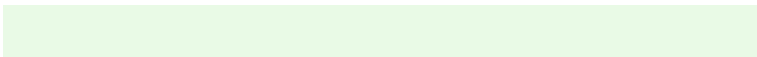
The Sweet Spot groups the original color and five complimentary colors.



83.6098, 91.9135, 101.3314



93.0754, 98.9963, 108.1652



82.1845, 91.4682, 88.1878



19.9427, 21.1998, 23.1596



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

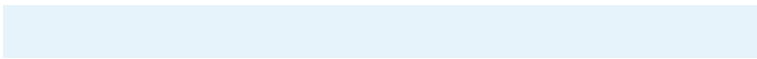
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.6098, 91.9135, 101.3314



85.6724, 95.2362, 105.2750



82.0416, 88.0293, 103.1144



17.6472, 19.5611, 21.6087



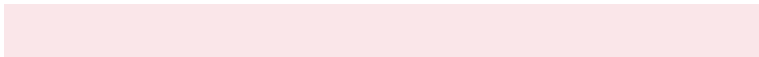
24.5102, 38.8171, 39.6254



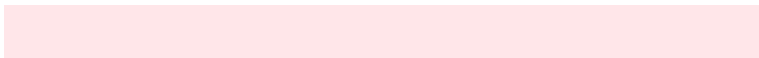
2.2995, 3.6069, 3.8250

Inverse Universe

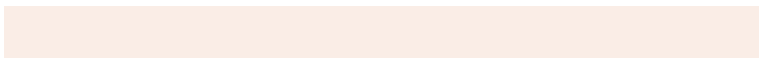
The Inverse Universe completely reimagines the original color for something new.



82.4325, 82.8032, 88.7330



84.1529, 83.4778, 89.0151



83.8982, 86.4156, 87.1222



17.3508, 17.2677, 18.4372



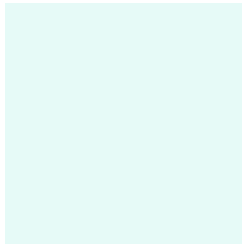
21.1256, 10.8659, 2.1037



1.9872, 1.0186, 0.3558

Previews

White Background



This preview shows how the XYZ color 83.6072, 91.9096, 101.3294 looks on a white background.

Color Contrast Check

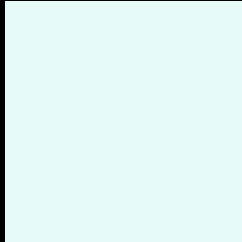
Large Text (above 18pt) WCAG AA × Fail

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 83.6072, 91.9096, 101.3294 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

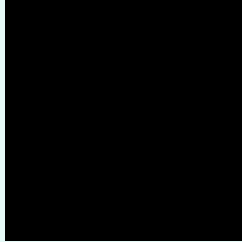
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

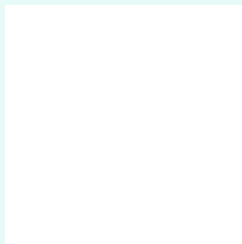
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.6072, 91.9096, 101.3294

Background



This preview shows how black text looks on a background with the XYZ color 83.6072, 91.9096, 101.3294.



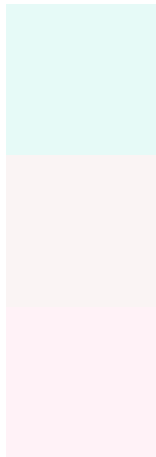
This preview shows how white text looks on a background with the XYZ color 83.6072, 91.9096,

101.3294.

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

83.6072, 91.9096, 101.3294

Protanopia

88.1042, 91.5570, 98.6166

Deuteranopia

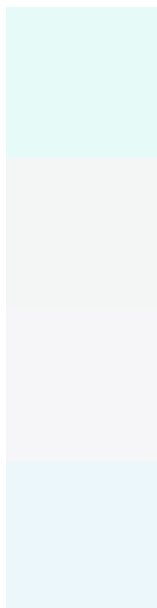
89.7806, 91.4797, 100.9211



Tritanopia

86.9409, 91.6568, 107.7170

Trichromacy



Original Color

83.6072, 91.9096, 101.3294

Protanomaly

86.3993, 91.5588, 99.5051

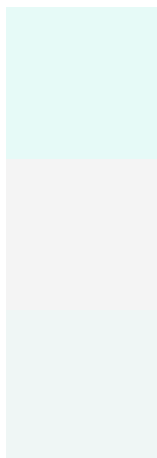
Deuteranomaly

87.4469, 91.6130, 101.0698

Tritanomaly

85.4235, 91.3827, 105.2318

Monochromacy



Original Color

83.6072, 91.9096, 101.3294

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

85.0338, 90.8548, 99.4412

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.6072, 91.9096, 101.3294 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(230, 250, 247)` looks like.

```
.text, #text, p{  
    color:rgb(230, 250, 247)  
}
```

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(230, 250, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 250, 247) }
```

Border

The CSS property to change the border of an element to XYZ 83.6072, 91.9096, 101.3294 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(230, 250, 247) }
```


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

```
.border{ border-color:rgb(230, 250, 247) }
```

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

Here you see how a box with a 4 pixel rgb(230, 250, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 250, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 250, 247);  
box-shadow:4px 4px 4px 4px rgb(230, 250,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 83.6072, 91.9096, 101.3294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 250, 247) }
```

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

```
.background{ background-color: rgb(230,  
250, 247) }
```

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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