

Converting Colors

XYZ(80.4306, 87.9270,
100.4399)

Have a look what the booklet for
XYZ(80.4306, 87.9270, 100.4399)
contains.

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Color

**XYZ(80.4922, 88.0278,
100.7444)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | E1F5F7 |
| RGB | 225, 245, 247 |
| RGB Percent | 88%, 96%, 97% |
| CMY | 0.1176, 0.0392, 0.0314 |
| CMYK | 0.09, 0.01, 0.00, 0.03 |
| HSL | 185°, 58%, 93% |
| HSV | 185°, 9%, 97% |
| XYZ | 80.4922, 88.0278, 100.7444 |
| YIQ | 239.2480, -12.5620, -3.6180 |

Conversions

Conversions Part 2

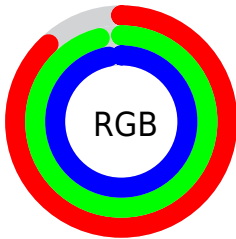
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 225, 235, 247 |
| Decimal | 14808567 |
| CIE Lab | 95.17, -6.14, -3.21 |
| CIE LCh | 95, 6.929, 207.600 |
| Yxy | 88.0278, 0.2989, 0.3269 |
| Android (android.graphics.Color) | 4292998647 (0xFFE1F5F7) |
| YUV | 239.2480, 3.8217, -12.4955 |
| Hunter-Lab | 93.8231, -11.0528, 2.0124 |

Details

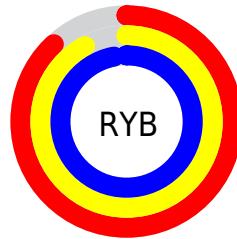
The XYZ color **80.4922, 88.0278, 100.7444** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.4178, 80.1479, 82.5197**, and the grayscale version is **82.2175, 86.4992, 94.1976**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.1791, 48.7028, 56.3623** is the 20% darker color. If you saturate the color by 10%, you get **72.6689, 82.9966, 100.1870**, and if you desaturate by 10%, it is **89.4426, 93.6570, 101.3606**.

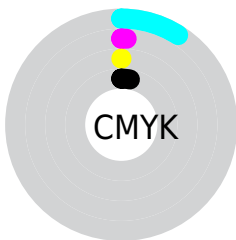
Distribution



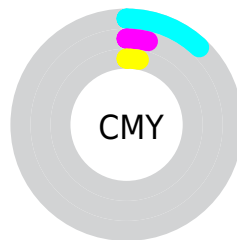
- Red (88%)
- Green (96%)
- Blue (97%)



- Red (88%)
- Yellow (92%)
- Blue (97%)



- Cyan (9%)
- Magenta (1%)
- Yellow (0%)
- Black (3%)



- Cyan (12%)
- Magenta (4%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.4922, 88.0278, 100.7444 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 80.4922, 88.0278, 100.7444 by changing the saturation by 10% instead.

80.4922, 88.0278,
100.7444

80.4922, 88.0278,
100.7444

485.3013,
521.5943, 583.8437

60.4333, 66.3461,
76.3020

133.0044,
144.5959, 164.2406

44.0188, 48.5534,
56.1721

166.1885,
180.2510, 204.1314

30.8833, 34.2653,
39.9360

204.4783,
221.3327, 250.0089

20.6614, 23.0975,
27.1752

248.2392,
268.2255, 302.2915

12.9877, 14.6655,
17.4713

297.8366,
321.3136, 361.3977

7.4970, 8.5850,
10.4056

353.6359,

3.8239, 4.4715,

380.9815, 427.7461

5.5596

416.0023,
447.6136, 501.7553

■ 1.6030, 1.9406,
2.5148

■ 0.3944, 0.5726,
0.8480

■ 80.4922, 88.0278,
100.7444

■ 80.4922, 88.0278,
100.7444

■ 72.6689, 82.9966,
100.1870

■ 89.4426, 93.6570,
101.3606

■ 65.9176, 78.5278,
99.6803

■ 92.0555, 96.0289,
101.6807

■ 60.1896, 74.5987,
99.2238

■ 92.7542, 97.4263,
101.9136

■ 55.4298, 71.1808,
98.8149

■ 93.4612, 98.8403,
102.1493

■ 51.5776, 68.2427,
98.4508

■ 93.7888, 99.4955,
102.2585

■ 48.5657, 65.7499,
98.1284

■ 46.3172, 63.6625,
97.8440

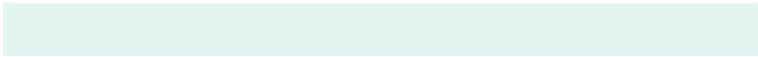
■ 44.7413, 61.9337,
97.5934

■ 43.7031, 60.4940,
97.3702

Harmonies

Analogous

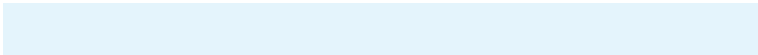
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.0934, 88.0278, 95.4126



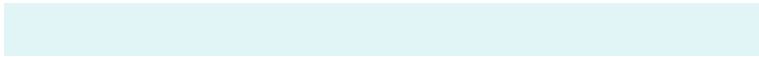
80.4922, 88.0278, 100.7444



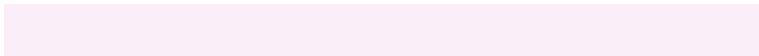
81.7379, 88.0278, 104.8948

Triad

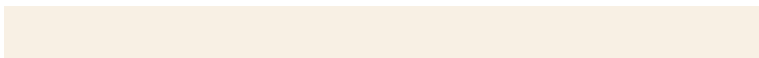
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.4922, 88.0278, 100.7444



86.7700, 88.0278, 101.5259



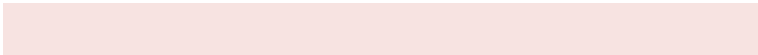
83.8199, 88.0278, 85.8320

Complementary

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



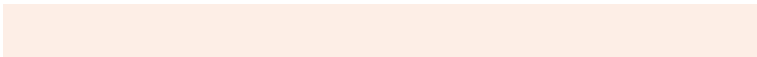
80.4922, 88.0278, 100.7444



79.4178, 80.1479, 82.5197

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.



85.6278, 88.0278, 87.3356



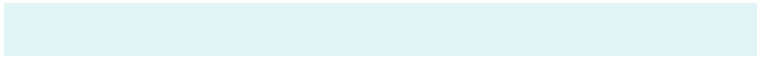
80.4922, 88.0278, 100.7444



87.3469, 88.0278, 96.2833

Square

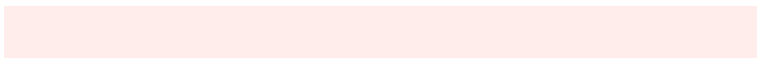
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.4922, 88.0278, 100.7444



85.3607, 88.0278, 105.3578



86.9258, 88.0278, 91.1115



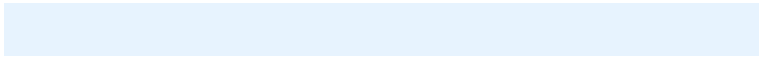
81.9974, 88.0278, 86.9271

Rectangle

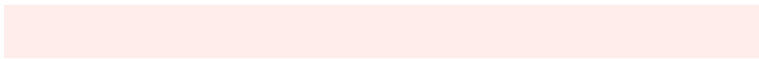
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



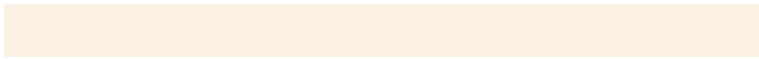
80.4922, 88.0278, 100.7444



82.8908, 88.0278, 106.3626



86.9258, 88.0278, 91.1115



84.4496, 88.0278, 86.0490

Sweetspot

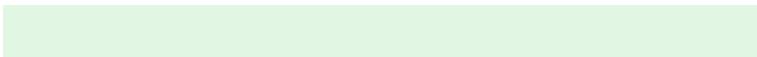
The Sweet Spot groups the original color and five complimentary colors.



80.4947, 88.0315, 100.7464



92.0703, 98.1358, 108.6972



78.1555, 88.0674, 85.4332



19.5404, 20.9006, 23.2543



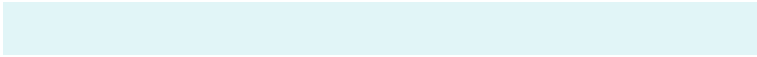
0.0000, 0.0000, 0.0000



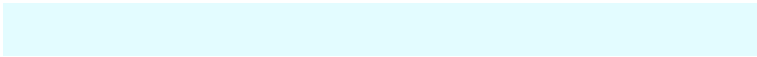
20.3446, 21.4041, 23.3091

Same Dimension

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



80.4947, 88.0315, 100.7464



84.6662, 93.4496, 108.1829



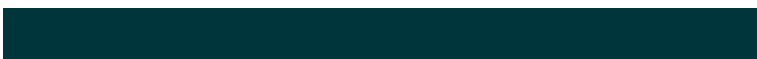
77.3114, 81.6649, 99.6853



16.8606, 18.4855, 21.2220



23.1152, 32.0241, 51.5010



2.0685, 2.8884, 4.5387

Inverse Universe

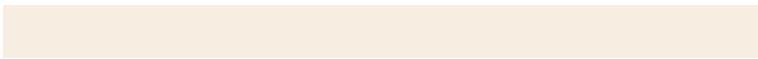
The Inverse Universe completely reimagines the original color for something new.



81.7663, 80.2187, 97.5648



86.3383, 83.2280, 103.9879



82.4758, 86.2639, 83.5391



17.1450, 16.7408, 20.5100



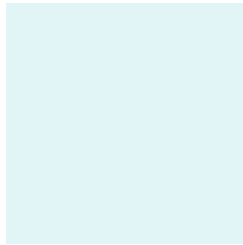
27.4720, 13.3322, 38.7894



2.4331, 1.1792, 3.5073

Previews

White Background



This preview shows how the XYZ color 80.4922, 88.0278, 100.7444 looks on a white background.

Color Contrast Check

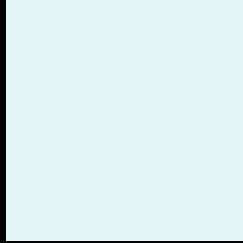
Large Text (above 18pt) WCAG AA × Fail

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 80.4922, 88.0278, 100.7444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

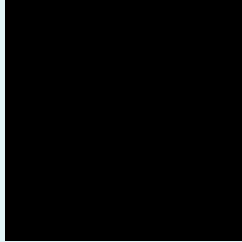
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

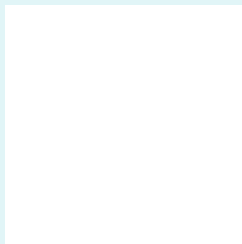
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 80.4922, 88.0278, 100.7444

Background



This preview shows how black text looks on a background with the XYZ color 80.4922, 88.0278, 100.7444.



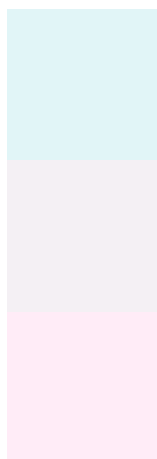
This preview shows how white text looks on a background with the XYZ color 80.4922, 88.0278,

100.7444.

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

80.4922, 88.0278, 100.7444

Protanopia

84.7974, 88.0849, 98.1207

Deuteranopia

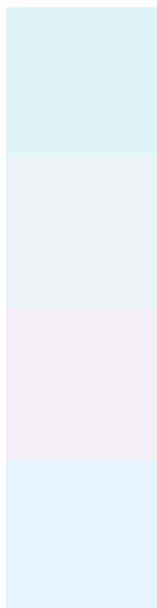
88.0240, 87.9663, 100.3355



Tritanopia

83.0808, 87.8801, 107.1915

Trichromacy



Original Color

80.4922, 88.0278, 100.7444

Protanomaly

83.1586, 88.1014, 99.0085

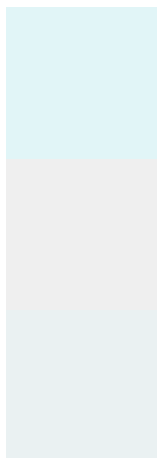
Deuteranomaly

84.9632, 87.6815, 100.4419

Tritanomaly

81.9344, 87.7875, 104.7217

Monochromacy



Original Color

80.4922, 88.0278, 100.7444

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

81.4140, 86.8138, 96.4702

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.4922, 88.0278, 100.7444 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, 245, 247)` looks like.

```
.text, #text, p{  
    color:rgb(225, 245, 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(225, 245, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 245, 247) }
```

Border

The CSS property to change the border of an element to XYZ 80.4922, 88.0278, 100.7444 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, 245, 247) }
```


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

```
.border{ border-color:rgb(225, 245, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 245, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 245, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 245, 247);  
box-shadow:4px 4px 4px 4px rgb(225, 245,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 80.4922, 88.0278, 100.7444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 245, 247) }
```

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

```
.background{ background-color: rgb(225,  
245, 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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