

Converting Colors

XYZ(57.9695, 78.8140, 92.6396)

Have a look what the booklet for
XYZ(57.9695, 78.8140, 92.6396)
contains.

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Color

**XYZ(57.9291, 78.8456,
92.2863)**

Conversions

Conversions Part 1

Format	Color
Hex	7DFAED
RGB	125, 250, 237
RGB Percent	49%, 98%, 93%
CMY	0.5098, 0.0196, 0.0706
CMYK	0.50, 0.00, 0.05, 0.02
HSL	174°, 93%, 74%
HSV	174°, 50%, 98%
XYZ	57.9291, 78.8456, 92.2863
YIQ	211.1430, -70.3270, -30.5430

Conversions

Conversions Part 2

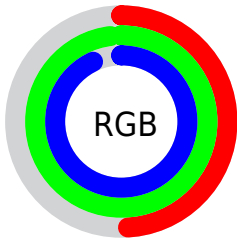
Format	Color
RYB	125, 191, 250
Decimal	8256237
CIELab	91.16, -37.99, -4.51
CIElCh	91, 38.256, 186.766
Yxy	78.8456, 0.2529, 0.3442
Android (android.graphics.Color)	4286446317 (0xFF7DFAED)
YUV	211.1430, 12.7475, -75.5474
Hunter-Lab	88.7950, -38.9395, 0.5354

Details

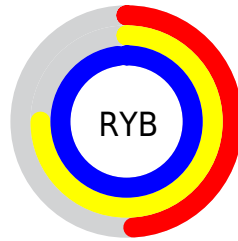
The XYZ color **57.9291, 78.8456, 92.2863** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **51.3481, 36.8284, 28.4498**, and the grayscale version is **61.9651, 65.1921, 70.9942**.

A 20% lighter version of the original color is **73.8176, 89.0543, 107.9063**, and **29.2739, 42.4368, 50.3643** is the 20% darker color. If you saturate the color by 10%, you get **54.3519, 77.0470, 90.1514**, and if you desaturate by 10%, it is **62.4347, 81.1260, 94.4969**.

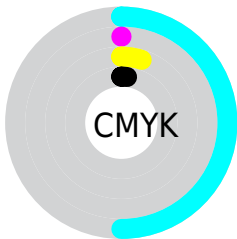
Distribution



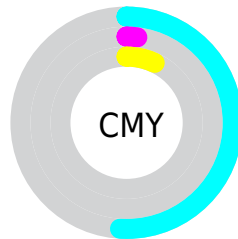
- Red (49%)
- Green (98%)
- Blue (93%)



- Red (49%)
- Yellow (75%)
- Blue (98%)



- Cyan (50%)
- Magenta (0%)
- Yellow (5%)
- Black (2%)





- Cyan (51%)
- Magenta (2%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.9291, 78.8456, 92.2863 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 57.9291, 78.8456, 92.2863 by changing the saturation by 10% instead.


 57.9291, 78.8456,
92.2863


 57.9291, 78.8456,
92.2863


406.8798,
491.0339, 556.2012


 41.9947, 58.7689,
69.2941


 100.9432,
131.7415, 152.4733

 29.2882, 42.4271,
50.4780


 128.7535,
165.3294, 190.5051

 19.4443, 29.4359,
35.4195

 161.2533,
204.1899, 234.3873

 12.0977, 19.4108,
23.7001

198.8077,
248.7073, 284.5382

 6.8829, 11.9675,
14.9011

241.7822,
299.2659, 341.3766

 3.4347, 6.7215,
8.6042

290.5422,

 1.3876, 3.2886,

356.2503, 405.3208

4.3907

345.4529,
420.0449, 476.7895

■ 0.2473, 1.2842,
1.8420

■ 0.0000, 0.1289,
0.4555

■ 57.9291, 78.8456,
92.2863

■ 57.9291, 78.8456,
92.2863

■ 54.3519, 77.0470,
90.1514

■ 62.4347, 81.1260,
94.4969

■ 51.6261, 75.6847,
88.0832


■ 67.9249, 83.9114,
96.7807


■ 49.6733, 74.7203,
86.0798


■ 74.4594, 87.2346,
99.1424


■ 48.3978, 74.1045,
84.1364


■ 82.0912, 91.1228,
101.5846

 47.6414, 73.7556,
82.2457

 90.8698, 95.6015,
104.1097

 47.6413, 73.7556,
82.2454

 93.0936, 96.7005,
106.3574

 93.4769, 96.8538,
108.3756

Harmonies

Analogous

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



59.0996, 78.8456, 66.4842



57.9291, 78.8456, 92.2863



60.9919, 78.8456, 121.8866

Triad

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



57.9291, 78.8456, 92.2863



86.6469, 78.8456, 136.0461



82.5284, 78.8456, 45.5798

Complementary

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



57.9291, 78.8456, 92.2863



51.3481, 36.8284, 28.4498

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.



90.8682, 78.8456, 57.7236



57.9291, 78.8456, 92.2863



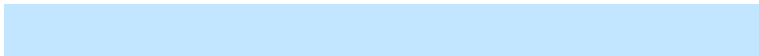
93.3854, 78.8456, 108.6513

Square

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



57.9291, 78.8456, 92.2863



77.1555, 78.8456, 150.4387



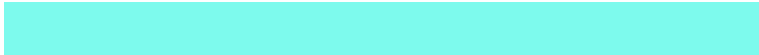
94.9931, 78.8456, 79.7191



72.7681, 78.8456, 43.0365

Rectangle

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



57.9291, 78.8456, 92.2863



65.1916, 78.8456, 138.6242



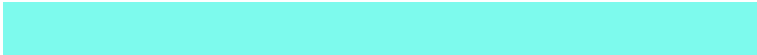
94.9931, 78.8456, 79.7191



85.6155, 78.8456, 48.5243

Sweetspot

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



57.9314, 78.8487, 92.2881



81.7169, 93.1998, 104.9668



48.6348, 75.3943, 31.3929



17.1360, 19.7679, 22.3522



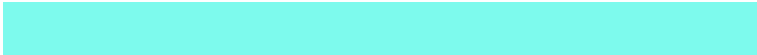
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



57.9314, 78.8487, 92.2881



56.8320, 80.5818, 94.2857



46.8553, 53.5450, 98.3116



17.6834, 19.5756, 21.7995



25.3013, 39.1335, 43.7913



2.3651, 3.6331, 4.1702

Inverse Universe

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



51.3481, 36.8284, 28.4498



49.2563, 32.0687, 20.7069



58.0563, 51.6625, 26.3157



17.3180, 17.2545, 18.2642



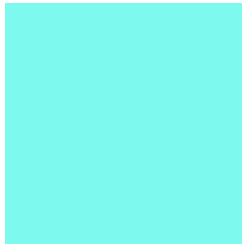
21.0349, 10.8297, 1.6263



1.9717, 1.0124, 0.2743

Previews

White Background



This preview shows how the XYZ color 57.9291, 78.8456, 92.2863 looks on a white background.

Color Contrast Check

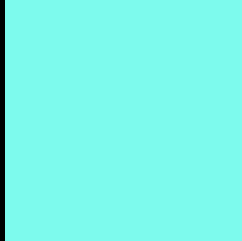
Large Text (above 18pt) WCAG AA × Fail

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 57.9291, 78.8456, 92.2863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

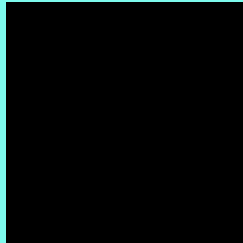
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.9291, 78.8456, 92.2863

Background



This preview shows how black text looks on a background with the XYZ color 57.9291, 78.8456, 92.2863.

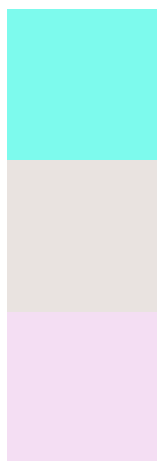


This preview shows how white text looks on a background with the XYZ color 57.9291, 78.8456,

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

57.9291, 78.8456, 92.2863

Protanopia

74.5279, 77.6436, 81.5797

Deuteranopia

79.6072, 77.9467, 95.6435



Tritanopia

65.8675, 78.5656, 106.3008

Trichromacy



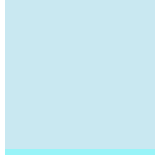
Original Color

57.9291, 78.8456, 92.2863



Protanomaly

66.0993, 76.5431, 85.4192



Deuteranomaly

68.8212, 76.4816, 94.3543



Tritanomaly

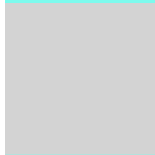
62.4308, 78.2510, 100.6204

Monochromacy



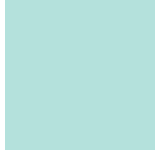
Original Color

57.9291, 78.8456, 92.2863



Achromatopsia

61.9161, 65.1406, 70.9381



Achromatomaly

58.6659, 68.7210, 77.8826

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9291, 78.8456, 92.2863 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(125, 250, 237)` looks like.

```
.text, #text, p{  
    color:rgb(125, 250, 237)  
}
```

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(125, 250, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 250, 237) }
```

Border

The CSS property to change the border of an element to XYZ 57.9291, 78.8456, 92.2863 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(125, 250, 237) }
```


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

```
.border{ border-color:rgb(125, 250, 237) }
```

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

Here you see how a box with a 4 pixel rgb(125, 250, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 250, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 250, 237);  
box-shadow:4px 4px 4px 4px rgb(125, 250,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9291, 78.8456, 92.2863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 250, 237) }
```

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

```
.background{ background-color: rgb(125,  
250, 237) }
```

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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