

Converting Colors

XYZ(57.8591, 81.0449, 97.3325)

Have a look what the booklet for
XYZ(57.8591, 81.0449, 97.3325)
contains.

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Color

**XYZ(57.8815, 81.0552,
97.3886)**

Conversions

Conversions Part 1

Format	Color
Hex	6AFFF3
RGB	106, 255, 243
RGB Percent	42%, 100%, 95%
CMY	0.5843, 0.0000, 0.0471
CMYK	0.58, 0.00, 0.05, 0.00
HSL	175°, 100%, 71%
HSV	175°, 58%, 100%
XYZ	57.8815, 81.0552, 97.3886
YIQ	209.0810, -84.9520, -35.3200

Conversions

Conversions Part 2

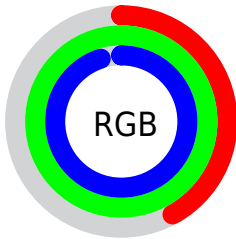
Format	Color
RYB	106, 184, 255
Decimal	7012339
CIELab	92.16, -42.38, -6.22
CIELCh	92, 42.836, 188.353
Yxy	81.0552, 0.2449, 0.3430
Android (android.graphics.Color)	4285202419 (0xFF6AFF3)
YUV	209.0810, 16.7221, -90.4020
Hunter-Lab	90.0307, -42.7944, -1.1141

Details

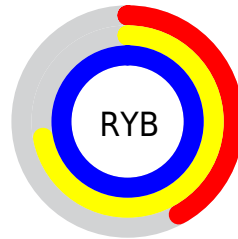
The XYZ color **57.8815, 81.0552, 97.3886** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **49.6650, 32.8776, 20.8694**, and the grayscale version is **60.5920, 63.7475, 69.4210**.

A 20% lighter version of the original color is **70.3876, 87.2860, 107.7458**, and **29.3607, 44.0776, 53.9741** is the 20% darker color. If you saturate the color by 10%, you get **54.9807, 79.5954, 95.6443**, and if you desaturate by 10%, it is **61.6886, 82.9818, 99.1962**.

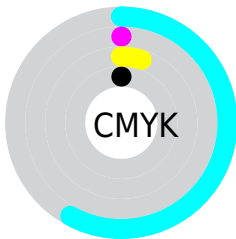
Distribution



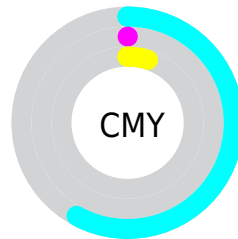
- Red (42%)
- Green (100%)
- Blue (95%)



- Red (42%)
- Yellow (72%)
- Blue (100%)



- Cyan (58%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)





- Cyan (58%)
- Magenta (0%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.8815, 81.0552, 97.3886 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 57.8815, 81.0552, 97.3886 by changing the saturation by 10% instead.


 57.8815, 81.0552,
97.3886


 57.8815, 81.0552,
97.3886


406.7052,
498.4818, 572.9624


 41.9563, 60.5871,
73.5168


 100.8742,
134.8483, 159.5843

 29.2580, 43.8920,
53.9042


 128.6725,
168.9420, 198.7453

 19.4214, 30.5856,
38.1324

 161.1591,
208.3464, 243.8397

 12.0809, 20.2835,
25.7829

198.6994,
253.4458, 295.2861

 6.8714, 12.6013,
16.4370

241.6588,
304.6247, 353.5030

 3.4274, 7.1546,
9.6762

290.4027,

 1.3836, 3.5590,

362.2674, 418.9090

5.0820

345.2964,
426.7583, 491.9226

■ 0.2445, 1.4300,
2.2359

■ 0.0000, 0.2387,
0.6950

■ 57.8815, 81.0552,
97.3886

■ 57.8815, 81.0552,
97.3886

■ 54.9807, 79.5954,
95.6443

■ 61.6886, 82.9818,
99.1962

■ 52.9004, 78.5582,
93.9551


■ 66.4712, 85.4109,
101.0663


■ 51.5440, 77.8938,
92.3177

■ 72.2955, 88.3766,
103.0033

■ 50.7749, 77.5318,
90.7258

■ 79.2209, 91.9095,
105.0101

 50.6782, 77.4873,
90.4784

 87.3025, 96.0381,
107.0894

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



58.9395, 81.0552, 67.6669



57.8815, 81.0552, 97.3886



61.5579, 81.0552, 131.6289

Triad

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



57.8815, 81.0552, 97.3886



90.9834, 81.0552, 145.0584



85.1430, 81.0552, 42.9357

Complementary

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



57.8815, 81.0552, 97.3886



49.6650, 32.8776, 20.8694

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.



94.9232, 81.0552, 55.6401



57.8815, 81.0552, 97.3886



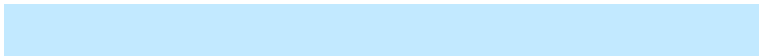
98.5131, 81.0552, 112.6461

Square

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



57.8815, 81.0552, 97.3886



80.1669, 81.0552, 163.1424



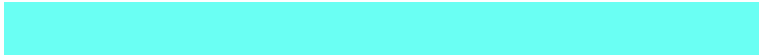
100.0198, 81.0552, 79.7117



73.9965, 81.0552, 40.7207

Rectangle

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



57.8815, 81.0552, 97.3886



66.4265, 81.0552, 150.8159



100.0198, 81.0552, 79.7117



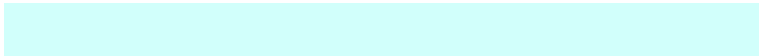
88.7289, 81.0552, 45.9445

Sweetspot

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



57.8826, 81.0558, 97.3901



79.5433, 92.0741, 105.0977



45.8906, 76.4420, 25.9736



16.5661, 19.4731, 22.3685



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.



57.8826, 81.0558, 97.3901



54.6017, 79.4056, 95.3753



43.0468, 48.3889, 101.6789



18.4880, 20.4547, 22.8729



26.5069, 40.4994, 47.4161



2.5988, 3.9505, 4.7112

Inverse Universe

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



49.6650, 32.8776, 20.8694



45.7419, 27.2512, 12.7183



57.8606, 50.3382, 20.3042



18.0687, 18.0108, 18.9791



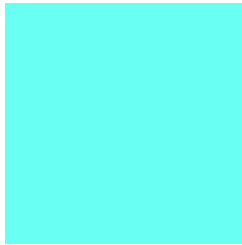
21.6379, 11.1445, 1.4777



2.1263, 1.0929, 0.2463

Previews

White Background



This preview shows how the XYZ color 57.8815, 81.0552, 97.3886 looks on a white background.

Color Contrast Check

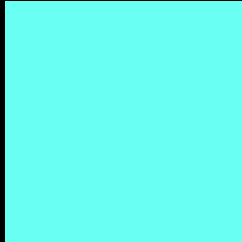
Large Text (above 18pt) WCAG AA × Fail

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 57.8815, 81.0552, 97.3886 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

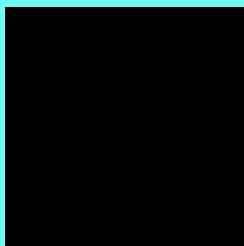
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

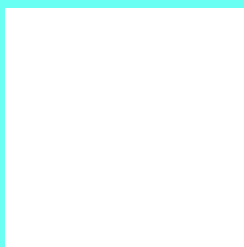
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.8815, 81.0552, 97.3886

Background



This preview shows how black text looks on a background with the XYZ color 57.8815, 81.0552, 97.3886.

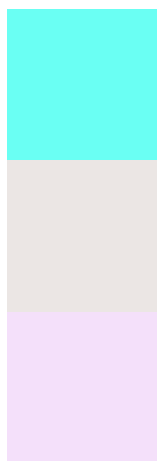


This preview shows how white text looks on a background with the XYZ color 57.8815, 81.0552,

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

57.8815, 81.0552, 97.3886

Protanopia

76.5614, 79.8572, 84.7776

Deuteranopia

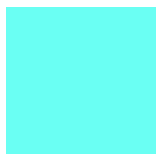
81.2192, 79.4465, 101.4965



Tritanopia

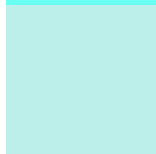
68.0051, 80.5513, 106.5714

Trichromacy



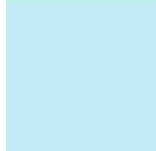
Original Color

57.8815, 81.0552, 97.3886



Protanomaly

66.3135, 78.3076, 88.7106



Deuteranomaly

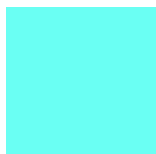
68.7450, 77.6014, 99.3510



Tritanomaly

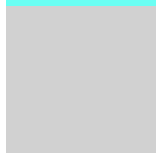
63.4358, 80.0659, 103.3776

Monochromacy



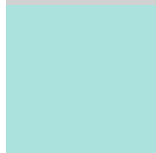
Original Color

57.8815, 81.0552, 97.3886



Achromatopsia

60.6036, 63.7597, 69.4343



Achromatomaly

57.2608, 68.3838, 78.5880

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.8815, 81.0552, 97.3886 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(106, 255, 243)` looks like.

```
.text, #text, p{  
    color:rgb(106, 255, 243)  
}
```

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(106, 255, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 255, 243) }
```

Border

The CSS property to change the border of an element to XYZ 57.8815, 81.0552, 97.3886 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(106, 255, 243) }
```


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

```
.border{ border-color:rgb(106, 255, 243) }
```

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

Here you see how a box with a 4 pixel rgb(106, 255, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 255, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 255, 243);  
box-shadow:4px 4px 4px 4px rgb(106, 255,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 57.8815, 81.0552, 97.3886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 255, 243) }
```

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

```
.background{ background-color: rgb(106,  
255, 243) }
```

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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