

Converting Colors

XYZ(57.3810, 81.2786, 75.6171)

Have a look what the booklet for
XYZ(57.3810, 81.2786, 75.6171)
contains.

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Color

**XYZ(57.4431, 81.3106,
75.6177)**

Conversions

Conversions Part 1

Format	Color
Hex	85FFD5
RGB	133, 255, 213
RGB Percent	52%, 100%, 84%
CMY	0.4784, 0.0000, 0.1647
CMYK	0.48, 0.00, 0.16, 0.00
HSL	159°, 100%, 76%
HSV	159°, 48%, 100%
XYZ	57.4431, 81.3106, 75.6177
YIQ	213.7340, -59.2300, -38.9260

Conversions

Conversions Part 2

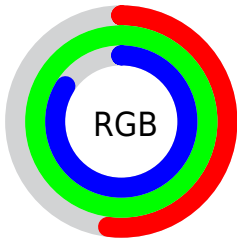
Format	Color
RYB	133, 207, 255
Decimal	8781781
CIELab	92.27, -43.94, 9.56
CIElCh	92, 44.971, 167.728
Yxy	81.3106, 0.2680, 0.3793
Android (android.graphics.Color)	4286971861 (0xFF85FFD5)
YUV	213.7340, -0.3619, -70.8037
Hunter-Lab	90.1724, -44.0907, 13.4006

Details

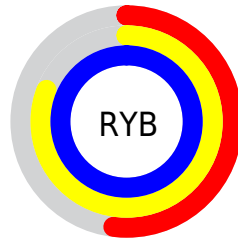
The XYZ color **57.4431, 81.3106, 75.6177** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **57.3661, 41.1313, 45.4739**, and the grayscale version is **63.7687, 67.0897, 73.0606**.

A 20% lighter version of the original color is **75.5482, 89.9465, 107.9873**, and **29.0381, 44.2345, 39.3554** is the 20% darker color. If you saturate the color by 10%, you get **52.8101, 79.0475, 69.7417**, and if you desaturate by 10%, it is **63.1153, 84.1025, 81.8600**.

Distribution



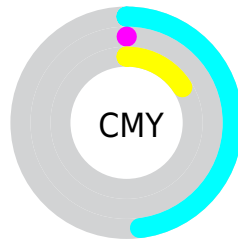
- Red (52%)
- Green (100%)
- Blue (84%)



- Red (52%)
- Yellow (81%)
- Blue (100%)



- Cyan (48%)
- Magenta (0%)
- Yellow (16%)
- Black (0%)





- Cyan (48%)
- Magenta (0%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.4431, 81.3106, 75.6177 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 57.4431, 81.3106, 75.6177 by changing the saturation by 10% instead.


 57.4431, 81.3106,
75.6177


 57.4431, 81.3106,
75.6177


405.0950,
499.3387, 499.3500


 41.6026, 60.7974,
55.6143


 100.2391,
135.2068, 128.9415

 28.9800, 44.0617,
39.4919


 127.9253,
169.3586, 163.0990

 19.2099, 30.7190,
26.8318


 160.2908,
208.8255, 202.8115

 11.9270, 20.3850,
17.2156

197.7009,
253.9917, 248.4978

 6.7658, 12.6752,
10.2248

240.5210,
305.2418, 300.5762

 3.3611, 7.2053,
5.4407

289.1165,

 1.3475, 3.5908,

362.9601, 359.4653

2.4449

343.8527,
427.5309, 425.5837

■ 0.2183, 1.4474,
0.8107

■ 0.0000, 0.2513,
0.0000

■ 57.4431, 81.3106,
75.6177

■ 57.4431, 81.3106,
75.6177

■ 52.8101, 79.0475,
69.7417

■ 63.1153, 84.1025,
81.8600

■ 49.1407, 77.2743,
64.2193

■ 69.8896, 87.4554,
88.4722

■ 46.3531, 75.9489,
59.0432

■ 77.8272, 91.4009,
95.4633

■ 44.3498, 75.0212,
54.2035

■ 86.9835, 95.9673,
102.8405

■ 43.0006, 74.4242,
49.6889

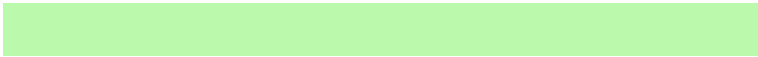
95.0500, 100.0000,
108.9000

■ 42.7549, 74.3180,
48.7547

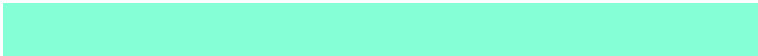
Harmonies

Analogous

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



61.9020, 81.3106, 52.0914



57.4431, 81.3106, 75.6177



57.8959, 81.3106, 109.4811

Triad

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



57.4431, 81.3106, 75.6177



84.2879, 81.3106, 164.5355



93.3067, 81.3106, 49.1254

Complementary

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



57.4431, 81.3106, 75.6177



57.3661, 41.1313, 45.4739

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.



100.5773, 81.3106, 70.4442



57.4431, 81.3106, 75.6177



95.0222, 81.3106, 138.9245

Square

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



57.4431, 81.3106, 75.6177



72.6311, 81.3106, 166.9299



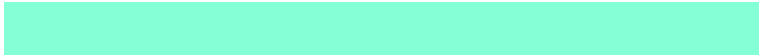
101.2348, 81.3106, 102.8420



82.1300, 81.3106, 39.5734

Rectangle

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



57.4431, 81.3106, 75.6177



60.9252, 81.3106, 133.7424



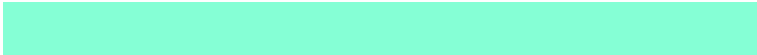
101.2348, 81.3106, 102.8420



96.3350, 81.3106, 54.8681

Sweetspot

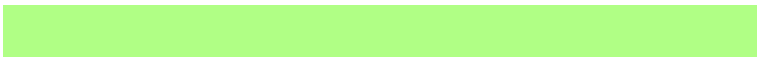
The Sweet Spot groups the original color and five complimentary colors.



57.4439, 81.3110, 75.6191



81.1977, 93.0802, 98.2513



57.8312, 82.4090, 35.0501



16.9697, 19.7187, 20.6932



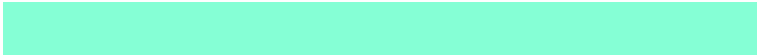
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



57.4439, 81.3110, 75.6191



53.1618, 79.2185, 70.2226



57.9210, 72.6020, 105.5686



18.2736, 20.3690, 21.7437



22.4134, 38.8619, 25.8598



2.2337, 3.8044, 2.7887

Inverse Universe

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



57.3661, 41.1313, 45.4739



53.0961, 34.8636, 37.0455



56.5894, 45.1845, 27.9305



18.2675, 18.0903, 20.0256



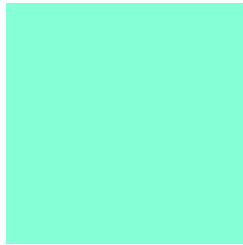
22.5274, 11.5003, 6.1619



2.2424, 1.1393, 0.8581

Previews

White Background



This preview shows how the XYZ color 57.4431, 81.3106, 75.6177 looks on a white background.

Color Contrast Check

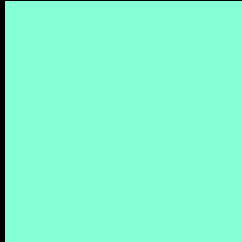
Large Text (above 18pt) WCAG AA × Fail

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 57.4431, 81.3106, 75.6177 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 57.4431, 81.3106, 75.6177

Background



This preview shows how black text looks on a background with the XYZ color 57.4431, 81.3106, 75.6177.



This preview shows how white text looks on a background with the XYZ color 57.4431, 81.3106,

75.6177.

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

57.4431, 81.3106, 75.6177

Protanopia

75.9634, 80.3766, 66.1541

Deuteranopia

80.9468, 79.7918, 79.5416



Tritanopia

69.5693, 80.9146, 106.5591

Trichromacy



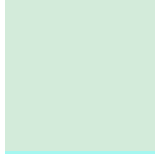
Original Color

57.4431, 81.3106, 75.6177



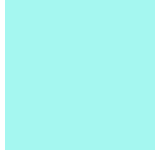
Protanomaly

66.8081, 79.4245, 69.5669



Deuteranomaly

69.2272, 78.3275, 77.7997



Tritanomaly

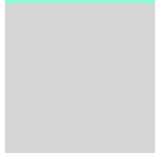
64.5060, 80.8121, 94.6366

Monochromacy



Original Color

57.4431, 81.3106, 75.6177



Achromatopsia

63.9157, 67.2443, 73.2291



Achromatomaly

60.1645, 71.2080, 74.1918

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.4431, 81.3106, 75.6177 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(133, 255, 213)` looks like.

```
.text, #text, p{  
    color:rgb(133, 255, 213)  
}
```

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(133, 255, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 255, 213) }
```

Border

The CSS property to change the border of an element to XYZ 57.4431, 81.3106, 75.6177 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(133, 255, 213) }
```


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

```
.border{ border-color:rgb(133, 255, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 255, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 255, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 255, 213);  
box-shadow:4px 4px 4px 4px rgb(133, 255,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4431, 81.3106, 75.6177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 255, 213) }
```

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

```
.background{ background-color: rgb(133,  
255, 213) }
```

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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