

Converting Colors

XYZ(57.2674, 81.4204, 66.5601)

Have a look what the booklet for
XYZ(57.2674, 81.4204, 66.5601)
contains.

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Color

**XYZ(57.2241, 81.3943,
66.7275)**

Conversions

Conversions Part 1

Format	Color
Hex	8EFFC7
RGB	142, 255, 199
RGB Percent	56%, 100%, 78%
CMY	0.4431, 0.0000, 0.2196
CMYK	0.44, 0.00, 0.22, 0.00
HSL	150°, 100%, 78%
HSV	150°, 44%, 100%
XYZ	57.2241, 81.3943, 66.7275
YIQ	214.8290, -49.3720, -41.3720

Conversions

Conversions Part 2

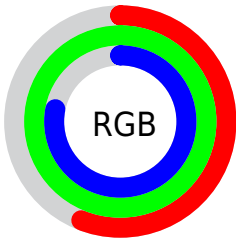
Format	Color
RYB	142, 217, 255
Decimal	9371591
CIELab	92.31, -44.64, 16.85
CIELCh	92, 47.717, 159.315
Yxy	81.3943, 0.2787, 0.3964
Android (android.graphics.Color)	4287561671 (0xFF8EFFC7)
YUV	214.8290, -7.8037, -63.8710
Hunter-Lab	90.2188, -44.6637, 19.3012

Details

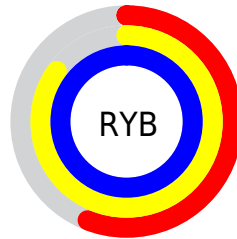
The XYZ color **57.2241, 81.3943, 66.7275** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **61.1064, 44.6839, 58.8304**, and the grayscale version is **64.5506, 67.9122, 73.9564**.

A 20% lighter version of the original color is **77.6294, 91.0194, 108.0847**, and **28.9611, 44.3173, 33.8158** is the 20% darker color. If you saturate the color by 10%, you get **51.9312, 78.8283, 59.1366**, and if you desaturate by 10%, it is **63.6409, 84.5256, 75.0098**.

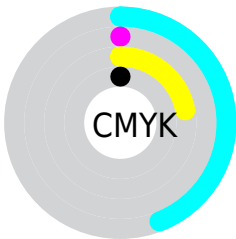
Distribution



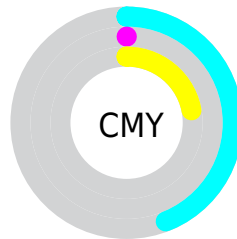
- Red (56%)
- Green (100%)
- Blue (78%)



- Red (56%)
- Yellow (85%)
- Blue (100%)



- Cyan (44%)
- Magenta (0%)
- Yellow (22%)
- Black (0%)




- Cyan (44%)
- Magenta (0%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.2241, 81.3943, 66.7275 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 57.2241, 81.3943, 66.7275 by changing the saturation by 10% instead.


 57.2241, 81.3943,
66.7275


 57.2241, 81.3943,
66.7275


404.2891,
499.6194, 467.4492

 41.4260, 60.8664,
48.4030


 99.9216, 135.3243,
116.1668

 28.8413, 44.1174,
33.7839


 127.5517,
169.4951, 148.1187

 19.1045, 30.7628,
22.4516


159.8565,
208.9824, 185.4501

 11.8502, 20.4183,
13.9876

197.2015,
254.1706, 228.5796

 6.7132, 12.6995,
7.9734

239.9518,
305.4439, 277.9257

 3.3282, 7.2219,
3.9904


288.4730,


 1.3296, 3.6013,

363.1869, 333.9070


1.6201

343.1303,
427.7840, 396.9420


 0.2052, 1.4531,
0.3051


 0.0000, 0.2554,
0.0000


 57.2241, 81.3943,
66.7275


 57.2241, 81.3943,
66.7275


 51.9312, 78.8283,
59.1366


 63.6409, 84.5256,
75.0098


 47.6881, 76.7897,
52.2142

 71.2450, 88.2546,
83.9973

 44.4145, 75.2375,
45.9419

 80.0973, 92.6123,
93.7085

 42.0165, 74.1237,
40.2988

 90.2539, 97.6274,
104.1600

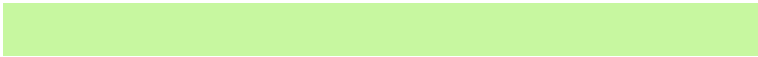
■ 40.3800, 73.3898, 95.0500, 100.0000,
35.2620 108.9000

■ 39.6979, 73.0952,
32.6569

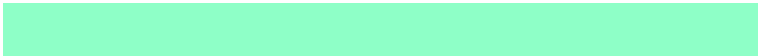
Harmonies

Analogous

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



63.2849, 81.3943, 45.7685



57.2241, 81.3943, 66.7275



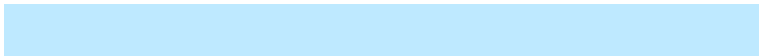
56.2350, 81.3943, 100.0829

Triad

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



57.2241, 81.3943, 66.7275



81.2666, 81.3943, 173.9950



97.2059, 81.3943, 52.1720

Complementary

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



57.2241, 81.3943, 66.7275



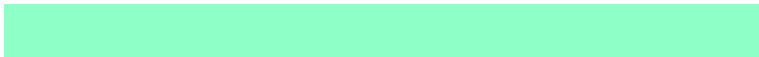
61.1064, 44.6839, 58.8304

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.



103.2131, 81.3943, 78.0760



57.2241, 81.3943, 66.7275



93.3875, 81.3943, 152.2638

Square

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



57.2241, 81.3943, 66.7275



69.2823, 81.3943, 168.5901



101.7460, 81.3943, 114.8538



86.0484, 81.3943, 39.0484

Rectangle

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



57.2241, 81.3943, 66.7275



58.4670, 81.3943, 126.2241



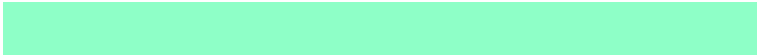
101.7460, 81.3943, 114.8538



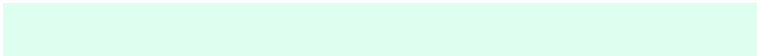
99.9457, 81.3943, 59.3486

Sweetspot

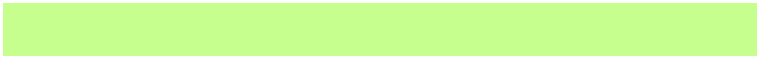
The Sweet Spot groups the original color and five complimentary colors.



57.2248, 81.3946, 66.7289



81.3551, 93.2326, 95.0380



64.0637, 85.5471, 38.7278



16.9634, 19.7338, 19.8652



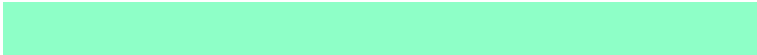
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

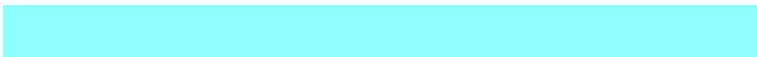
The Same Dimension uses a secret algorithm to generate beautiful new colors.



57.2248, 81.3946, 66.7289



52.5647, 79.1342, 60.0947



64.9657, 84.4910, 107.4921



18.1538, 20.3211, 21.1131



20.8185, 38.2240, 17.4616



2.0822, 3.7438, 1.9906

Inverse Universe

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



61.1064, 44.6839, 58.8304



56.8894, 38.2373, 51.2981



55.7960, 42.5598, 30.8662



18.3847, 18.1372, 20.6430



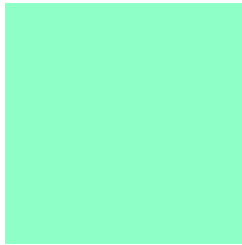
23.6042, 11.9310, 11.8322



2.3533, 1.1837, 1.4421

Previews

White Background



This preview shows how the XYZ color 57.2241, 81.3943, 66.7275 looks on a white background.

Color Contrast Check

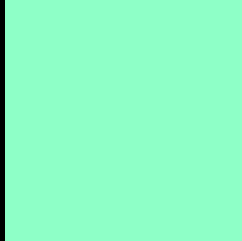
Large Text (above 18pt) WCAG AA × Fail

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 57.2241, 81.3943, 66.7275 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 57.2241, 81.3943, 66.7275

Background



This preview shows how black text looks on a background with the XYZ color 57.2241, 81.3943, 66.7275.



This preview shows how white text looks on a background with the XYZ color 57.2241, 81.3943,

66.7275.

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

57.2241, 81.3943, 66.7275

Protanopia

75.2017, 80.1522, 58.5211

Deuteranopia

80.1755, 79.9145, 74.1501



Tritanopia

69.9988, 80.6954, 106.4942

Trichromacy



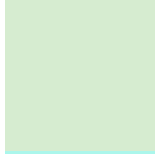
Original Color

57.2241, 81.3943, 66.7275



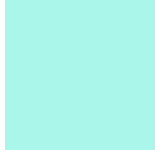
Protanomaly

66.5765, 79.4917, 61.1247



Deuteranomaly

69.1122, 78.8411, 71.2498



Tritanomaly

64.7457, 80.5676, 90.7359

Monochromacy



Original Color

57.2241, 81.3943, 66.7275



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

60.5445, 71.8884, 71.0064

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.2241, 81.3943, 66.7275 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(142, 255, 199)` looks like.

```
.text, #text, p{  
    color:rgb(142, 255, 199)  
}
```

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(142, 255, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 255, 199) }
```

Border

The CSS property to change the border of an element to XYZ 57.2241, 81.3943, 66.7275 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(142, 255, 199) }
```


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

```
.border{ border-color:rgb(142, 255, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 255, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 255, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 255, 199);  
box-shadow:4px 4px 4px 4px rgb(142, 255,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 57.2241, 81.3943, 66.7275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 255, 199) }
```

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

```
.background{ background-color: rgb(142,  
255, 199) }
```

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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