

Converting Colors

XYZ(57.7466, 74.3163, 66.4838)

Have a look what the booklet for
XYZ(57.7466, 74.3163, 66.4838)
contains.

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Color

**XYZ(57.7713, 74.3851,
66.5712)**

Conversions

Conversions Part 1

Format	Color
Hex	A9EFC9
RGB	169, 239, 201
RGB Percent	66%, 94%, 79%
CMY	0.3372, 0.0627, 0.2118
CMYK	0.29, 0.00, 0.16, 0.06
HSL	147°, 69%, 80%
HSV	147°, 29%, 94%
XYZ	57.7713, 74.3851, 66.5712
YIQ	213.7380, -29.5220, -26.6580

Conversions

Conversions Part 2

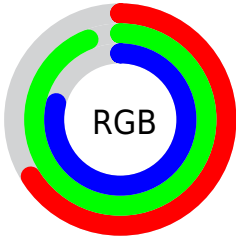
Format	Color
RYB	169, 217, 239
Decimal	11136969
CIELab	89.10, -29.50, 11.47
CIELCh	89, 31.645, 158.757
Yxy	74.3851, 0.2907, 0.3743
Android (android.graphics.Color)	4289327049 (0xFFA9EFC9)
YUV	213.7380, -6.2798, -39.2352
Hunter-Lab	86.2468, -31.3660, 14.6087

Details

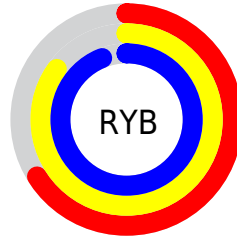
The XYZ color **57.7713, 74.3851, 66.5712** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **61.0496, 51.2334, 65.7059**, and the grayscale version is **63.7971, 67.1195, 73.0932**.

A 20% lighter version of the original color is **85.1740, 94.9088, 108.4378**, and **29.2702, 39.6184, 33.7082** is the 20% darker color. If you saturate the color by 10%, you get **51.6428, 71.3968, 58.6512**, and if you desaturate by 10%, it is **64.9700, 77.9143, 75.2175**.

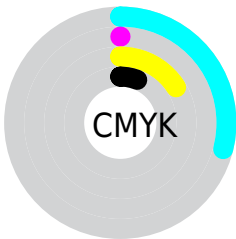
Distribution



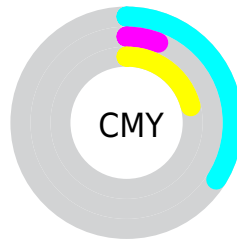
- Red (66%)
- Green (94%)
- Blue (79%)



- Red (66%)
- Yellow (85%)
- Blue (94%)



- Cyan (29%)
- Magenta (0%)
- Yellow (16%)
- Black (6%)





- Cyan (34%)
- Magenta (6%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.7713, 74.3851, 66.5712 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 57.7713, 74.3851, 66.5712 by changing the saturation by 10% instead.


 57.7713, 74.3851,
66.5712

 57.7713, 74.3851,
66.5712


406.3008,
475.8014, 466.8768

 41.8674, 55.1093,
48.2768


 100.7146,
125.4416, 115.9406

 29.1881, 39.4892,
33.6846


128.4847,
157.9910, 147.8527

 19.3682, 27.1405,
22.3760

160.9409,
195.7338, 185.1411

 12.0422, 17.6788,
13.9325

198.4486,
239.0543, 228.2243

 6.8448, 10.7196,
7.9355

241.3730,
288.3369, 277.5210

 3.4107, 5.8786,
3.9665


290.0797,

 1.3745, 2.7714,


343.9660, 333.4496


1.6070


344.9338,
406.3261, 396.4287

 0.2379, 1.0136,
0.2958


 0.0000, 0.0000,
0.0000


 57.7713, 74.3851,
66.5712


 57.7713, 74.3851,
66.5712

 51.6428, 71.3968,
58.6512


 64.9700, 77.9143,
75.2175


 46.5242, 68.9125,
51.4335

 73.2831, 82.0007,
84.6035

 42.3582, 66.9051,
44.8997

 82.7597, 86.6714,
94.7485

 39.0789, 65.3411,
39.0288

 89.8219, 90.0814,
105.4999

■ 36.6117, 64.1825,
33.7987

■ 90.1579, 90.2158,
107.2693

■ 34.8684, 63.3841,
29.1854

■ 33.7133, 62.8764,
25.1619

■ 33.6420, 62.8454,
24.8973

Harmonies

Analogous

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



61.8255, 74.3851, 52.2060



57.7713, 74.3851, 66.5712



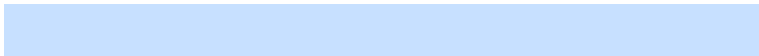
57.0454, 74.3851, 87.6260

Triad

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



57.7713, 74.3851, 66.5712



72.9805, 74.3851, 130.5836



82.8950, 74.3851, 57.2280

Complementary

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



57.7713, 74.3851, 66.5712



61.0496, 51.2334, 65.7059

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.



86.3780, 74.3851, 74.7030



57.7713, 74.3851, 66.5712



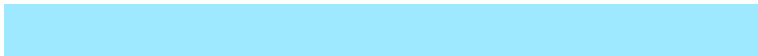
80.3872, 74.3851, 118.7912

Square

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



57.7713, 74.3851, 66.5712



65.4675, 74.3851, 127.3270



85.4284, 74.3851, 97.3597



76.2059, 74.3851, 47.5324

Rectangle

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



57.7713, 74.3851, 66.5712



58.4915, 74.3851, 103.1693



85.4284, 74.3851, 97.3597



84.5009, 74.3851, 62.2462

Sweetspot

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



57.7733, 74.3882, 66.5729



85.1634, 95.1275, 98.3039



63.9026, 77.9385, 49.2127



17.9087, 20.2038, 20.6889



0.0000, 0.0000, 0.0000



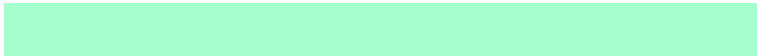
20.3446, 21.4041, 23.3091

Same Dimension

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



57.7733, 74.3882, 66.5729



62.6408, 84.0829, 71.6705



62.2989, 76.1984, 90.4043



15.8664, 17.7766, 18.3194



18.6549, 34.7540, 14.0977



1.6015, 2.9111, 1.4341

Inverse Universe

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



61.0496, 51.2334, 65.7059



66.9942, 53.3070, 70.5118



57.2813, 49.7261, 45.8620



16.1317, 15.9024, 18.2499



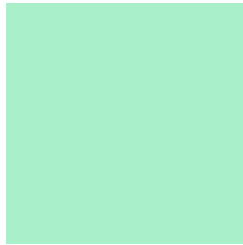
21.9559, 11.0548, 12.9501



1.8767, 0.9397, 1.3415

Previews

White Background



This preview shows how the XYZ color 57.7713, 74.3851, 66.5712 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 57.7713, 74.3851, 66.5712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

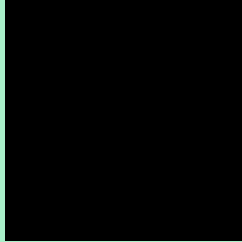
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.7713, 74.3851, 66.5712

Background



This preview shows how black text looks on a background with the XYZ color 57.7713, 74.3851, 66.5712.

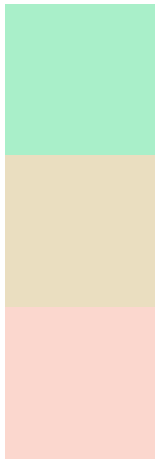


This preview shows how white text looks on a background with the XYZ color 57.7713, 74.3851,

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

57.7713, 74.3851, 66.5712

Protanopia

69.5674, 73.5407, 60.3974

Deuteranopia

75.2247, 73.5663, 68.6275



Tritanopia

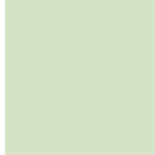
64.8596, 74.2620, 102.1823

Trichromacy



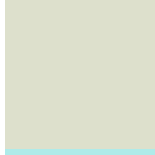
Original Color

57.7713, 74.3851, 66.5712



Protanomaly

64.1721, 73.1286, 62.3628



Deuteranomaly

67.3735, 73.0431, 67.6745



Tritanomaly

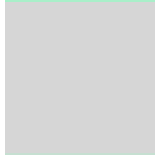
62.0955, 74.4138, 88.1813

Monochromacy



Original Color

57.7713, 74.3851, 66.5712



Achromatopsia

63.9157, 67.2443, 73.2291



Achromatomaly

61.1850, 69.3846, 70.4894

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.7713, 74.3851, 66.5712 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(169, 239, 201)` looks like.

```
.text, #text, p{  
    color:rgb(169, 239, 201)  
}
```

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(169, 239, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 239, 201) }
```

Border

The CSS property to change the border of an element to XYZ 57.7713, 74.3851, 66.5712 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(169, 239, 201) }
```


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

```
.border{ border-color:rgb(169, 239, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 239, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 239, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 239, 201);  
box-shadow:4px 4px 4px 4px rgb(169, 239,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 57.7713, 74.3851, 66.5712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 239, 201) }
```

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

```
.background{ background-color: rgb(169,  
239, 201) }
```

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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