

Converting Colors

XYZ(57.0719, 75.6990, 90.9650)

Have a look what the booklet for
XYZ(57.0719, 75.6990, 90.9650)
contains.

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Color

**XYZ(57.0067, 75.6630,
90.9567)**

Conversions

Conversions Part 1

Format	Color
Hex	84F4EC
RGB	132, 244, 236
RGB Percent	52%, 96%, 93%
CMY	0.4823, 0.0431, 0.0745
CMYK	0.46, 0.00, 0.03, 0.04
HSL	176°, 84%, 74%
HSV	176°, 46%, 96%
XYZ	57.0067, 75.6630, 90.9567
YIQ	209.6000, -64.1840, -26.2320

Conversions

Conversions Part 2

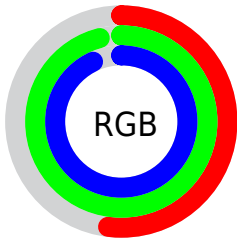
Format	Color
RYB	132, 190, 244
Decimal	8713452
CIELab	89.70, -33.95, -6.11
CIELCh	90, 34.498, 190.208
Yxy	75.6630, 0.2549, 0.3383
Android (android.graphics.Color)	4286903532 (0xFF84F4EC)
YUV	209.6000, 13.0152, -68.0552
Hunter-Lab	86.9845, -35.2400, -1.1084

Details

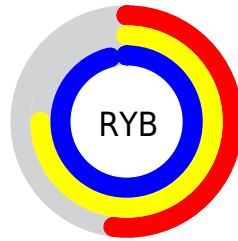
The XYZ color **57.0067, 75.6630, 90.9567** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **50.2957, 37.6313, 29.4263**, and the grayscale version is **60.9459, 64.1198, 69.8265**.

A 20% lighter version of the original color is **75.2959, 89.8164, 107.9755**, and **28.6071, 40.1755, 49.4269** is the 20% darker color. If you saturate the color by 10%, you get **53.3766, 73.8226, 89.4725**, and if you desaturate by 10%, it is **61.5359, 77.9703, 92.4992**.

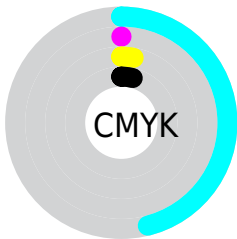
Distribution



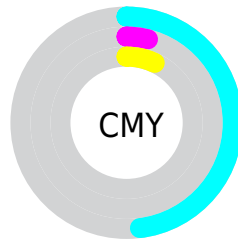
- Red (52%)
- Green (96%)
- Blue (93%)



- Red (52%)
- Yellow (75%)
- Blue (96%)



- Cyan (46%)
- Magenta (0%)
- Yellow (3%)
- Black (4%)





- Cyan (48%)
- Magenta (4%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.0067, 75.6630, 90.9567 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 57.0067, 75.6630, 90.9567 by changing the saturation by 10% instead.


 57.0067, 75.6630,
90.9567


 57.0067, 75.6630,
90.9567


403.4882,
480.1933, 551.7883


 41.2508, 56.1562,
68.1962


 99.6063, 127.2504,
150.6137

 28.7036, 40.3282,
49.5897


 127.1806,
160.0999, 188.3473

 18.9999, 27.7945,
34.7186


 159.4252,
198.1656, 231.9090

 11.7742, 18.1708,
23.1644

196.7053,
241.8321, 281.7174

 6.6612, 11.0727,
14.5085

239.3863,
291.4837, 338.1909

 3.2956, 6.1158,
8.3324

287.8335,

 1.3119, 2.9156,

347.5049, 401.7483

4.2176

342.4124,
410.2799, 472.8079

■ 0.1921, 1.0878,
1.7454

■ 0.0000, 0.0000,
0.3916

■ 57.0067, 75.6630,
90.9567

■ 57.0067, 75.6630,
90.9567

■ 53.3766, 73.8226,
89.4725

■ 61.5359, 77.9703,
92.4992

■ 50.5759, 72.4076,
88.0384

■ 67.0146, 80.7650,
94.0974

■ 48.5354, 71.3843,
86.6526

■ 73.4974, 84.0770,
95.7556

■ 47.1717, 70.7095,
85.3113

■ 81.0327, 87.9313,
97.4761

■ 46.3816, 70.3302,
84.0097

■ 89.6659, 92.3513,
99.2610

■ 46.1577, 70.2262,
83.4844

■ 90.2975, 92.6461,
100.6845

■ 90.5671, 92.7539,
102.1042

■ 90.8392, 92.8628,
103.5372

■ 91.1139, 92.9726,
104.9834

Harmonies

Analogous

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



57.6139, 75.6630, 67.5366



57.0067, 75.6630, 90.9567



60.1474, 75.6630, 116.4273

Triad

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



57.0067, 75.6630, 90.9567



82.9850, 75.6630, 123.5271



77.5897, 75.6630, 45.7388

Complementary

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



57.0067, 75.6630, 90.9567



50.2957, 37.6313, 29.4263

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.



85.1262, 75.6630, 55.7224



57.0067, 75.6630, 90.9567



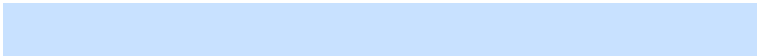
88.4071, 75.6630, 99.2623

Square

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



57.0067, 75.6630, 90.9567



74.8495, 75.6630, 137.5377



89.2202, 75.6630, 74.3679



69.0590, 75.6630, 44.3859

Rectangle

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



57.0067, 75.6630, 90.9567



64.1006, 75.6630, 130.0197



89.2202, 75.6630, 74.3679



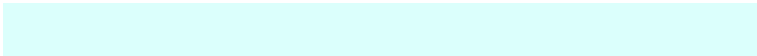
80.3409, 75.6630, 48.0878

Sweetspot

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



57.0089, 75.6660, 90.9585



82.7057, 93.6834, 106.1928



47.5591, 72.0623, 33.2342



17.3399, 19.8668, 22.6430



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.



57.0089, 75.6660, 90.9585



59.2756, 81.7392, 99.0225



45.8892, 51.5238, 93.1177



16.9426, 18.7362, 20.9820



25.1188, 38.1924, 45.5068



2.2227, 3.3627, 4.0788

Inverse Universe

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



50.2957, 37.6313, 29.4263



51.0293, 34.9393, 23.3798



57.5291, 53.0084, 29.0310



16.5472, 16.5017, 17.3619



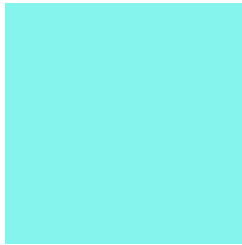
20.3608, 10.4877, 1.3422



1.8059, 0.9283, 0.2043

Previews

White Background



This preview shows how the XYZ color 57.0067, 75.6630, 90.9567 looks on a white background.

Color Contrast Check

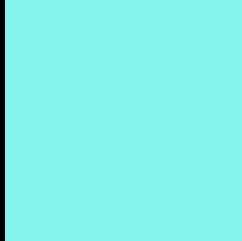
Large Text (above 18pt) WCAG AA × Fail

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 57.0067, 75.6630, 90.9567 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 57.0067, 75.6630, 90.9567

Background



This preview shows how black text looks on a background with the XYZ color 57.0067, 75.6630, 90.9567.



This preview shows how white text looks on a background with the XYZ color 57.0067, 75.6630,

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

57.0067, 75.6630, 90.9567

Protanopia

71.8371, 74.6512, 81.1439

Deuteranopia

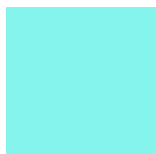
76.3583, 74.7308, 94.4044



Tritanopia

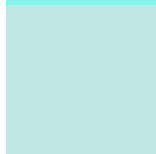
62.1421, 75.3376, 105.8741

Trichromacy



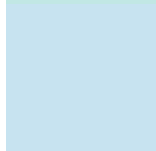
Original Color

57.0067, 75.6630, 90.9567



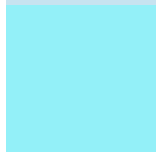
Protanomaly

64.5718, 74.0907, 84.2964



Deuteranomaly

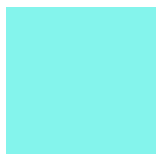
66.7504, 73.3716, 93.0821



Tritanomaly

60.1360, 75.3005, 100.1719

Monochromacy



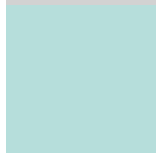
Original Color

57.0067, 75.6630, 90.9567



Achromatopsia

61.2578, 64.4480, 70.1838



Achromatomaly

58.1989, 67.3021, 76.9410

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0067, 75.6630, 90.9567 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(132, 244, 236)` looks like.

```
.text, #text, p{  
    color:rgb(132, 244, 236)  
}
```

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(132, 244, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 244, 236) }
```

Border

The CSS property to change the border of an element to XYZ 57.0067, 75.6630, 90.9567 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(132, 244, 236) }
```


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

```
.border{ border-color:rgb(132, 244, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 244, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 244, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 244, 236);  
box-shadow:4px 4px 4px 4px rgb(132, 244,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0067, 75.6630, 90.9567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 244, 236) }
```

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

```
.background{ background-color: rgb(132,  
244, 236) }
```

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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