

Converting Colors

XYZ(60.6442, 82.4331, 99.6105)

Have a look what the booklet for
XYZ(60.6442, 82.4331, 99.6105)
contains.

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Color

**XYZ(60.7067, 82.4589,
99.9054)**

Conversions

Conversions Part 1

Format	Color
Hex	7CFFF6
RGB	124, 255, 246
RGB Percent	49%, 100%, 96%
CMY	0.5137, 0.0000, 0.0353
CMYK	0.51, 0.00, 0.04, 0.00
HSL	176°, 100%, 74%
HSV	176°, 51%, 100%
XYZ	60.7067, 82.4589, 99.9054
YIQ	214.8050, -75.1870, -30.5710

Conversions

Conversions Part 2

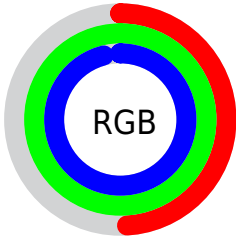
Format	Color
RYB	124, 192, 255
Decimal	8191990
CIELab	92.78, -38.27, -6.80
CIELCh	93, 38.870, 190.073
Yxy	82.4589, 0.2497, 0.3392
Android (android.graphics.Color)	4286382070 (0xFF7CFFF6)
YUV	214.8050, 15.3791, -79.6360
Hunter-Lab	90.8069, -39.5803, -1.6658

Details

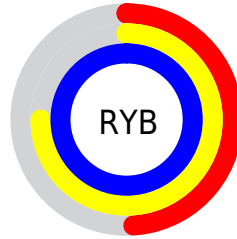
The XYZ color **60.7067, 82.4589, 99.9054** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **52.6822, 37.3702, 26.6281**, and the grayscale version is **64.3956, 67.7492, 73.7789**.

A 20% lighter version of the original color is **73.8176, 89.0543, 107.9063**, and **31.1192, 44.9466, 55.7506** is the 20% darker color. If you saturate the color by 10%, you get **57.2189, 80.6917, 98.3466**, and if you desaturate by 10%, it is **65.1519, 84.7192, 101.5251**.

Distribution



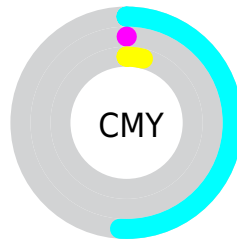
- Red (49%)
- Green (100%)
- Blue (96%)



- Red (49%)
- Yellow (75%)
- Blue (100%)



- Cyan (51%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)





- Cyan (51%)
- Magenta (0%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.7067, 82.4589, 99.9054 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 60.7067, 82.4589, 99.9054 by changing the saturation by 10% instead.


 60.7067, 82.4589,
99.9054


 60.7067, 82.4589,
99.9054


416.9909,
503.1814, 581.1334

 44.2401, 61.7439,
75.6051


 104.9547,
136.8173, 163.0779

 31.0581, 44.8258,
55.6040


 133.4668,
171.2296, 202.7872

 20.7951, 31.3202,
39.4837

 166.7248,
210.9763, 248.4699

 13.0859, 20.8428,
26.8255

205.0941,
256.4419, 300.5445

 7.5651, 13.0091,
17.2109

248.9400,
308.0108, 359.4297

 3.8674, 7.4348,
10.2214

298.6278,

 1.6274, 3.7355,

366.0675, 425.5438

5.4385

354.5230,
430.9962, 499.3056

0.4102, 1.5267,
2.4436

0.0000, 0.3074,
0.8100

60.7067, 82.4589,
99.9054

60.7067, 82.4589,
99.9054

57.2189, 80.6917,
98.3466

65.1519, 84.7192,
101.5251

54.6101, 79.3775,
96.8407

70.6182, 87.5057,
103.2044

52.7951, 78.4722,
95.3851

77.1677, 90.8503,
104.9478

51.6703, 77.9224,
93.9750

84.8566, 94.7820,
106.7578

■ 51.1169, 77.6627,
92.7881

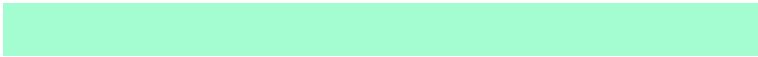
93.7373, 99.3277,
108.6369

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.



61.4406, 82.4589, 72.0694



60.7067, 82.4589, 99.9054



64.3848, 82.4589, 130.7294

Triad

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



60.7067, 82.4589, 99.9054



91.6047, 82.4589, 139.6357



85.2078, 82.4589, 46.8634

Complementary

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



60.7067, 82.4589, 99.9054



52.6822, 37.3702, 26.6281

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.



94.2571, 82.4589, 58.4278



60.7067, 82.4589, 99.9054



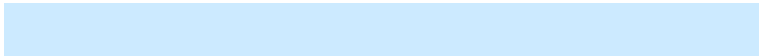
98.1653, 82.4589, 110.1861

Square

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



60.7067, 82.4589, 99.9054



81.8335, 82.4589, 156.7270



99.1758, 82.4589, 80.3699



75.0148, 82.4589, 45.2727

Rectangle

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



60.7067, 82.4589, 99.9054



69.0466, 82.4589, 147.3751



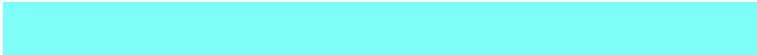
99.1758, 82.4589, 80.3699



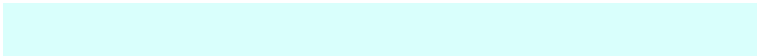
88.5073, 82.4589, 49.5727

Sweetspot

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



60.7078, 82.4594, 99.9069



81.9308, 93.2854, 106.0930



49.3775, 78.1198, 31.5467



17.1881, 19.7887, 22.6265



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

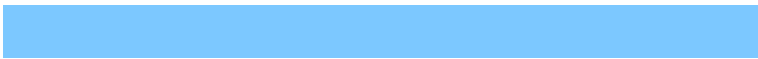
The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.7078, 82.4594, 99.9069



57.0295, 80.5961, 98.2502



47.1144, 53.0083, 102.3562



18.4978, 20.4587, 22.9245



26.7326, 40.5896, 48.6045



2.6184, 3.9583, 4.8143

Inverse Universe

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



52.6822, 37.3702, 26.6281



48.1995, 30.8685, 17.5383



60.9158, 54.7900, 26.4355



18.0600, 18.0073, 18.9330



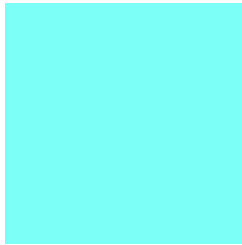
21.6223, 11.1382, 1.3957



2.1221, 1.0912, 0.2245

Previews

White Background



This preview shows how the XYZ color 60.7067, 82.4589, 99.9054 looks on a white background.

Color Contrast Check

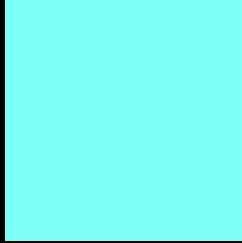
Large Text (above 18pt) WCAG AA × Fail

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 60.7067, 82.4589, 99.9054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

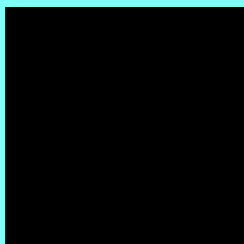
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.7067, 82.4589, 99.9054

Background



This preview shows how black text looks on a background with the XYZ color 60.7067, 82.4589, 99.9054.

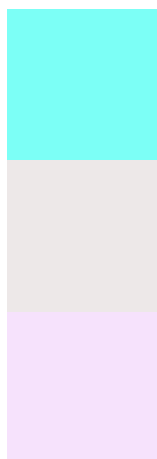


This preview shows how white text looks on a background with the XYZ color 60.7067, 82.4589,

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

60.7067, 82.4589, 99.9054

Protanopia

78.3472, 81.5439, 87.9541

Deuteranopia

82.7731, 81.0138, 103.3701



Tritanopia

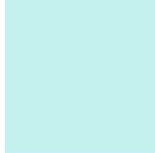
70.3503, 81.7603, 106.6812

Trichromacy



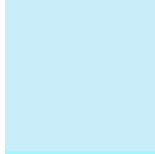
Original Color

60.7067, 82.4589, 99.9054



Protanomaly

69.2111, 80.1704, 91.9474



Deuteranomaly

71.8966, 80.0271, 102.0999



Tritanomaly

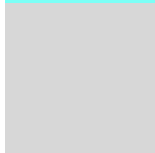
65.9357, 81.3363, 104.3198

Monochromacy



Original Color

60.7067, 82.4589, 99.9054



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

61.3157, 72.0297, 82.6229

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.7067, 82.4589, 99.9054 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(124, 255, 246)` looks like.

```
.text, #text, p{  
    color:rgb(124, 255, 246)  
}
```

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(124, 255, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 255, 246) }
```

Border

The CSS property to change the border of an element to XYZ 60.7067, 82.4589, 99.9054 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(124, 255, 246) }
```


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

```
.border{ border-color:rgb(124, 255, 246) }
```

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

Here you see how a box with a 4 pixel rgb(124, 255, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 255, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 255, 246);  
box-shadow:4px 4px 4px 4px rgb(124, 255,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7067, 82.4589, 99.9054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 255, 246) }
```

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

```
.background{ background-color: rgb(124,  
255, 246) }
```

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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