

Converting Colors

XYZ(60.8718, 81.8263,
107.1935)

Have a look what the booklet for
XYZ(60.8718, 81.8263, 107.1935)
contains.

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Color

**XYZ(60.9630, 81.9552,
107.2136)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 76FEFF |
| RGB | 118, 254, 255 |
| RGB Percent | 46%, 100%, 100% |
| CMY | 0.5372, 0.0039, 0.0000 |
| CMYK | 0.54, 0.00, 0.00, 0.00 |
| HSL | 180°, 100%, 73% |
| HSV | 180°, 54%, 100% |
| XYZ | 60.9630, 81.9552, 107.2136 |
| YIQ | 213.4500, -81.3770, -28.5210 |

Conversions

Conversions Part 2

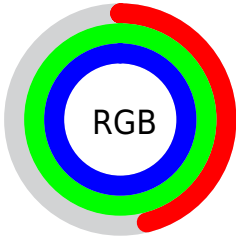
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 118, 186, 255 |
| Decimal | 7798527 |
| CIE _{Lab} | 92.56, -36.71, -11.81 |
| CIE _{LCh} | 93, 38.562, 197.832 |
| Yxy | 81.9552, 0.2437, 0.3276 |
| Android (android.graphics.Color) | 4285988607 (0xFF76FEFF) |
| YUV | 213.4500, 20.4842, -83.7096 |
| Hunter-Lab | 90.5291, -38.2227, -6.8468 |

Details

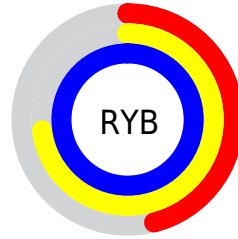
The XYZ color **60.9630, 81.9552, 107.2136** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **51.1075, 35.7623, 21.3506**, and the grayscale version is **63.4554, 66.7600, 72.7017**.

A 20% lighter version of the original color is **72.6324, 88.4433, 107.8509**, and **31.2415, 44.5676, 60.3819** is the 20% darker color. If you saturate the color by 10%, you get **57.8987, 80.2901, 107.0537**, and if you desaturate by 10%, it is **64.9675, 84.1089, 107.4182**.

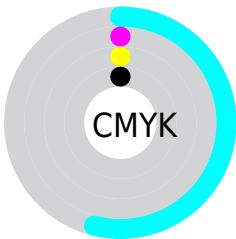
Distribution



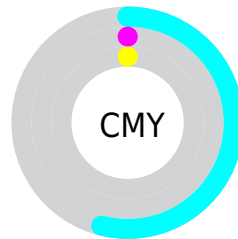
- Red (46%)
- Green (100%)
- Blue (100%)



- Red (46%)
- Yellow (73%)
- Blue (100%)



- Cyan (54%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)





- Cyan (54%)
- Magenta (0%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.9630, 81.9552, 107.2136 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 60.9630, 81.9552, 107.2136 by changing the saturation by 10% instead.


 60.9630, 81.9552,
107.2136


 60.9630, 81.9552,
107.2136

417.9164,
501.4978, 604.5239


 44.4477, 61.3286,
81.6881


 105.3238,
136.1112, 173.1736

 31.2221, 44.4904,
60.5741


 133.9000,
170.4093, 214.4451

 20.9207, 31.0562,
43.4533


 167.2273,
210.0335, 261.8024

 13.1782, 20.6417,
29.9069

205.6709,
255.3680, 315.6639

 7.6292, 12.8623,
19.5165

249.5963,
306.7973, 376.4483

 3.9084, 7.3338,
11.8635

299.3687,

 1.6504, 3.6717,

364.7058, 444.5741

6.5294

355.3537,
429.4778, 520.4598

0.4249, 1.4917,
3.0956

0.0000, 0.2829,
1.1437

60.9630, 81.9552,
107.2136

60.9630, 81.9552,
107.2136

57.8987, 80.2901,
107.0537

64.9675, 84.1089,
107.4182

55.6907, 79.0647,
106.9335

69.9744, 86.7775,
107.6694

54.2517, 78.2357,
106.8494

76.0482, 89.9962,
107.9706

53.4720, 77.7467,
106.7961

83.2460, 93.7944,
108.3243

■ 53.2215, 77.5630,
106.7738

■ 91.6210, 98.1996,
108.7332

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.



60.5457, 81.9552, 78.1071



60.9630, 81.9552, 107.2136



65.6694, 81.9552, 136.6763

Triad

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



60.9630, 81.9552, 107.2136



93.0599, 81.9552, 131.6193



82.0263, 81.9552, 45.4484

Complementary

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



60.9630, 81.9552, 107.2136



51.1075, 35.7623, 21.3506

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.



91.5531, 81.9552, 54.2797



60.9630, 81.9552, 107.2136



98.2796, 81.9552, 101.3732

Square

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



60.9630, 81.9552, 107.2136



83.9436, 81.9552, 152.7132



97.7056, 81.9552, 73.3883



72.1460, 81.9552, 46.3540

Rectangle

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



60.9630, 81.9552, 107.2136



70.8527, 81.9552, 150.6802



97.7056, 81.9552, 73.3883



85.3911, 81.9552, 47.2824

Sweetspot

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



60.9652, 81.9582, 107.2141



81.5054, 92.8772, 108.2390



46.5024, 76.6801, 29.4913



17.1198, 19.7078, 23.1516



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

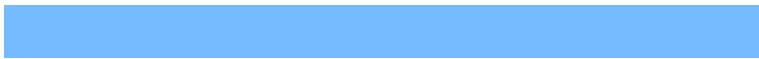
The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.9652, 81.9582, 107.2141



57.8264, 80.2504, 107.0499



43.1871, 46.4022, 101.2880



18.5429, 20.4575, 23.2213



27.8146, 40.5388, 55.7934



2.7117, 3.9542, 5.4336

Inverse Universe

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



65.6092, 41.3743, 98.2975



62.9094, 36.0235, 97.2471



62.1755, 57.8983, 25.0400



18.7867, 18.2980, 22.7598



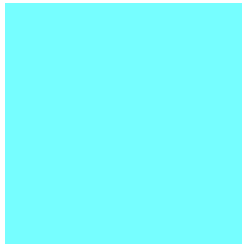
30.8277, 14.8204, 49.8707



3.0034, 1.4437, 4.8651

Previews

White Background



This preview shows how the XYZ color 60.9630, 81.9552, 107.2136 looks on a white background.

Color Contrast Check

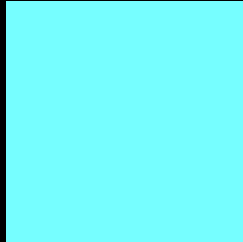
Large Text (above 18pt) WCAG AA × Fail

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 60.9630, 81.9552, 107.2136 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 60.9630, 81.9552, 107.2136

Background



This preview shows how black text looks on a background with the XYZ color 60.9630, 81.9552, 107.2136.

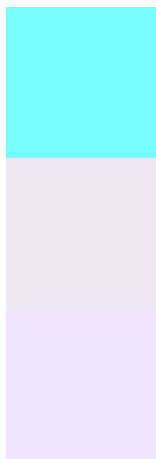


This preview shows how white text looks on a background with the XYZ color 60.9630, 81.9552,

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

60.9630, 81.9552, 107.2136

Protanopia

78.3848, 80.9951, 94.7214

Deuteranopia

81.1157, 80.5089, 105.8723



Tritanopia

69.3920, 81.2663, 106.6364

Trichromacy



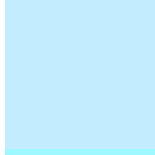
Original Color

60.9630, 81.9552, 107.2136



Protanomaly

69.2393, 79.5933, 98.9025



Deuteranomaly

70.8399, 79.3905, 106.1980



Tritanomaly

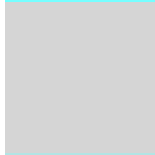
65.6088, 81.1125, 106.8061

Monochromacy



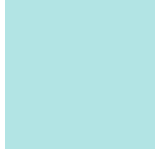
Original Color

60.9630, 81.9552, 107.2136



Achromatopsia

63.2451, 66.5387, 72.4607



Achromatomaly

60.1071, 70.5532, 83.8489

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.9630, 81.9552, 107.2136 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(118, 254, 255)` looks like.

```
.text, #text, p{  
    color:rgb(118, 254, 255)  
}
```

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(118, 254, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 254, 255) }
```

Border

The CSS property to change the border of an element to XYZ 60.9630, 81.9552, 107.2136 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(118, 254, 255) }
```


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

```
.border{ border-color:rgb(118, 254, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 254, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 254, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 254, 255);  
box-shadow:4px 4px 4px 4px rgb(118, 254,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 60.9630, 81.9552, 107.2136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 254, 255) }
```

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

```
.background{ background-color: rgb(118,  
254, 255) }
```

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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