

Converting Colors

XYZ(61.0037, 80.5722,
106.9445)

Have a look what the booklet for
XYZ(61.0037, 80.5722, 106.9445)
contains.

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Color

**XYZ(61.0046, 80.5743,
106.9449)**

Conversions

Conversions Part 1

Format	Color
Hex	7DFBFF
RGB	125, 251, 255
RGB Percent	49%, 98%, 100%
CMY	0.5098, 0.0157, 0.0000
CMYK	0.51, 0.02, 0.00, 0.00
HSL	182°, 100%, 75%
HSV	182°, 51%, 100%
XYZ	61.0046, 80.5743, 106.9449
YIQ	213.7820, -76.3800, -25.4680

Conversions

Conversions Part 2

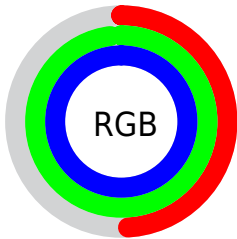
Format	Color
R _Y B	125, 189, 255
Decimal	8256511
CIE Lab	91.94, -33.97, -12.70
CIE LCh	92, 36.265, 200.499
Yxy	80.5743, 0.2455, 0.3242
Android (android.graphics.Color)	4286446591 (0xFF7DFBFF)
YUV	213.7820, 20.3205, -77.8618
Hunter-Lab	89.7632, -35.7739, -7.8046

Details

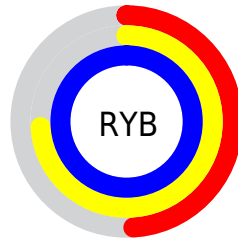
The XYZ color **61.0046, 80.5743, 106.9449** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **52.7926, 38.4418, 24.0416**, and the grayscale version is **63.6766, 66.9927, 72.9551**.

A 20% lighter version of the original color is **74.0597, 89.1791, 107.9177**, and **31.2298, 43.5603, 60.1881** is the 20% darker color. If you saturate the color by 10%, you get **57.5051, 78.4093, 106.7114**, and if you desaturate by 10%, it is **65.4648, 83.2398, 107.2243**.

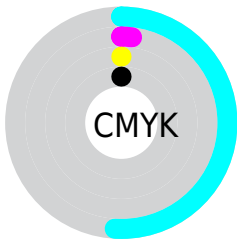
Distribution



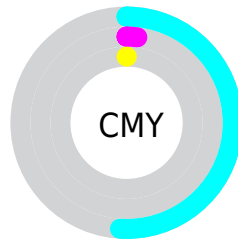
- Red (49%)
- Green (98%)
- Blue (100%)



- Red (49%)
- Yellow (74%)
- Blue (100%)



- Cyan (51%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)





- Cyan (51%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.0046, 80.5743, 106.9449 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 61.0046, 80.5743, 106.9449 by changing the saturation by 10% instead.


 61.0046, 80.5743,
106.9449


 61.0046, 80.5743,
106.9449


418.0665,
496.8662, 603.6724


 44.4814, 60.1911,
81.4639


 105.3837,
134.1729, 172.8036

 31.2487, 43.5727,
60.3905


 133.9703,
168.1570, 214.0185

 20.9411, 30.3347,
43.3061


 167.3088,
207.4435, 261.3150

 13.1931, 20.0928,
29.7922

205.7645,
252.4168, 315.1118

 7.6396, 12.4625,
19.4302

249.7027,
303.4614, 375.8274

 3.9151, 7.0595,
11.8016

299.4889,

 1.6542, 3.4993,

360.9615, 443.8803

6.4878

355.4884,
425.3016, 519.6891

■ 0.4273, 1.3976,
3.0704

■ 0.0000, 0.2150,
1.1307

■ 61.0046, 80.5743,
106.9449

■ 61.0046, 80.5743,
106.9449

■ 57.5051, 78.4093,
106.7114

■ 65.4648, 83.2398,
107.2243

■ 54.8852, 76.6975,
106.5191

■ 70.9461, 86.4313,
107.5514

■ 53.0613, 75.3974,
106.3643

■ 77.5113, 90.1830,
107.9295

■ 51.9305, 74.4562,
106.2422

■ 85.2165, 94.5240,
108.3613

■ 51.3601, 73.8403,
106.1534

94.1139, 99.4811,
108.8492

95.0500, 100.0000,
108.9000

Harmonies

Analogous

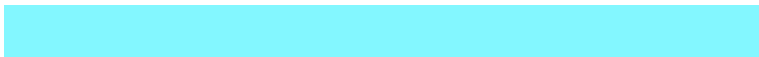
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



60.2445, 80.5743, 79.5355



61.0046, 80.5743, 106.9449



65.7480, 80.5743, 133.5528

Triad

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



61.0046, 80.5743, 106.9449



91.2489, 80.5743, 124.5650



79.5776, 80.5743, 46.2477

Complementary

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



61.0046, 80.5743, 106.9449



52.7926, 38.4418, 24.0416

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.



88.5484, 80.5743, 53.8106



61.0046, 80.5743, 106.9449



95.6379, 80.5743, 96.4726

Square

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



61.0046, 80.5743, 106.9449



83.0272, 80.5743, 145.0717



94.6115, 80.5743, 70.9696



70.4820, 80.5743, 47.9278

Rectangle

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



61.0046, 80.5743, 106.9449



70.7596, 80.5743, 145.4993



94.6115, 80.5743, 70.9696



82.7184, 80.5743, 47.7239

Sweetspot

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



61.0067, 80.5773, 106.9453



81.9771, 92.7055, 108.1810



48.0603, 77.4172, 32.5476



17.1993, 19.6472, 23.1357



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.



61.0067, 80.5773, 106.9453



57.4984, 78.4051, 106.7110



44.4566, 47.4770, 101.4286



18.5042, 20.3800, 23.2084



26.8582, 38.6260, 55.4746



2.6296, 3.7898, 5.4062

Inverse Universe

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



65.9876, 42.8940, 96.0715



63.0342, 37.1850, 94.4773



63.8289, 60.5146, 27.7203



18.7671, 18.2902, 22.6568



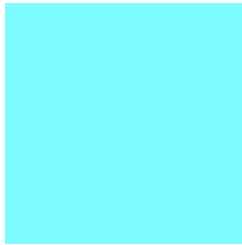
30.3450, 14.6273, 47.3286



2.9619, 1.4271, 4.6467

Previews

White Background



This preview shows how the XYZ color 61.0046, 80.5743, 106.9449 looks on a white background.

Color Contrast Check

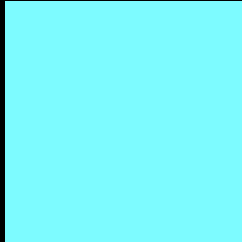
Large Text (above 18pt) WCAG AA × Fail

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 61.0046, 80.5743, 106.9449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

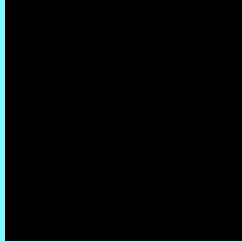
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.0046, 80.5743, 106.9449

Background



This preview shows how black text looks on a background with the XYZ color 61.0046, 80.5743, 106.9449.

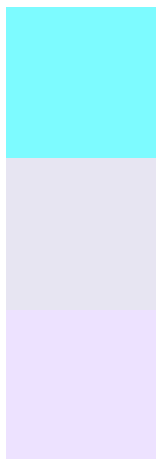


This preview shows how white text looks on a background with the XYZ color 61.0046, 80.5743,

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

61.0046, 80.5743, 106.9449

Protanopia

77.0013, 79.4384, 95.2791

Deuteranopia

80.1714, 79.6172, 105.7499



Tritanopia

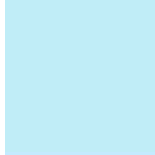
67.9336, 80.0714, 106.4826

Trichromacy



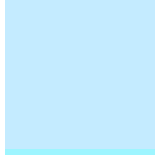
Original Color

61.0046, 80.5743, 106.9449



Protanomaly

68.8109, 78.4902, 99.5191



Deuteranomaly

70.5233, 78.3724, 106.0182



Tritanomaly

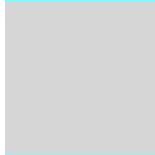
64.8030, 79.7939, 106.5940

Monochromacy



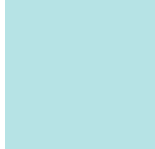
Original Color

61.0046, 80.5743, 106.9449



Achromatopsia

63.9157, 67.2443, 73.2291



Achromatomaly

60.9033, 70.5404, 84.5345

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.0046, 80.5743, 106.9449 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(125, 251, 255)` looks like.

```
.text, #text, p{  
    color:rgb(125, 251, 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(125, 251, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 251, 255) }
```

Border

The CSS property to change the border of an element to XYZ 61.0046, 80.5743, 106.9449 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(125, 251, 255) }
```


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

```
.border{ border-color:rgb(125, 251, 255) }
```

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

Here you see how a box with a 4 pixel rgb(125, 251, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 251, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 251, 255);  
box-shadow:4px 4px 4px 4px rgb(125, 251,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 61.0046, 80.5743, 106.9449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 251, 255) }
```

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

```
.background{ background-color: rgb(125,  
251, 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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