

Converting Colors

XYZ(65.9384, 82.5918,
137.3438)

Have a look what the booklet for
XYZ(65.9384, 82.5918, 137.3438)
contains.

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Color

**XYZ(60.0184, 80.0659,
106.8987)**

Conversions

Conversions Part 1

Format	Color
Hex	76FBFF
RGB	118, 251, 255
RGB Percent	46%, 98%, 100%
CMY	0.5372, 0.0157, 0.0000
CMYK	0.54, 0.02, 0.00, 0.00
HSL	182°, 100%, 73%
HSV	182°, 54%, 100%
XYZ	60.0184, 80.0659, 106.8987
YIQ	211.6890, -80.5520, -26.9520

Conversions

Conversions Part 2

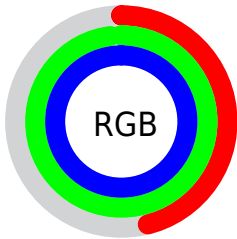
Format	Color
R _Y B	118, 185, 255
Decimal	7797759
CIE Lab	91.71, -35.32, -13.06
CIE LCh	92, 37.662, 200.295
Yxy	80.0659, 0.2430, 0.3242
Android (android.graphics.Color)	4285987839 (0xFF76FBFF)
YUV	211.6890, 21.3523, -82.1653
Hunter-Lab	89.4796, -36.8604, -8.1964

Details

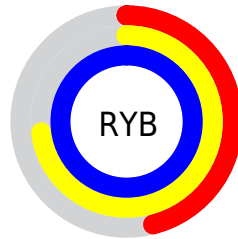
The XYZ color **60.0184, 80.0659, 106.8987** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **51.4703, 36.4879, 21.4717**, and the grayscale version is **62.2762, 65.5194, 71.3506**.

A 20% lighter version of the original color is **72.6324, 88.4433, 107.8509**, and **30.5670, 43.2187, 60.1571** is the 20% darker color. If you saturate the color by 10%, you get **56.7809, 78.0545, 106.6811**, and if you desaturate by 10%, it is **64.1969, 82.5675, 107.1613**.

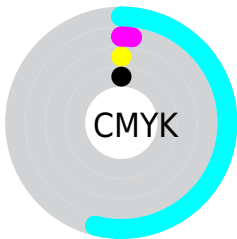
Distribution



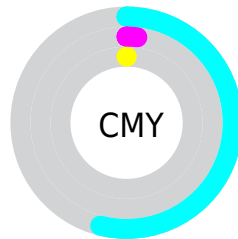
- Red (46%)
- Green (98%)
- Blue (100%)



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



- Cyan (54%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)





- Cyan (54%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.0184, 80.0659, 106.8987 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 60.0184, 80.0659, 106.8987 by changing the saturation by 10% instead.


 60.0184, 80.0659,
106.8987


 60.0184, 80.0659,
106.8987


414.4992,
495.1549, 603.5259


 43.6830, 59.7726,
81.4254


 103.9626,
133.4584, 172.7400

 30.6182, 43.2354,
60.3590


 132.3020,
167.3263, 213.9451

 20.4587, 30.0698,
43.2809

 165.3735,
206.4880, 261.2312

 12.8391, 19.8916,
29.7725

203.5424,
251.3276, 315.0169

 7.3941, 12.3163,
19.4154

247.1741,
302.2298, 375.7206

 3.7583, 6.9595,
11.7910

296.6339,

 1.5663, 3.4368,

359.5788, 443.7610

6.4807

352.2871,
423.7590, 519.5566

0.3703, 1.3638,
3.0660

0.0000, 0.1898,
1.1285

60.0184, 80.0659,
106.8987

60.0184, 80.0659,
106.8987

56.7809, 78.0545,
106.6811

64.1969, 82.5675,
107.1613

54.4007, 76.4845,
106.5035

69.3786, 85.5857,
107.4708

52.7902, 75.3127,
106.3622

75.6281, 89.1558,
107.8305

51.8400, 74.4826,
106.2521

83.0025, 93.3071,
108.2431

■ 51.4828, 74.0856,
106.1943

■ 91.5549, 98.0672,
108.7111

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.



59.2665, 80.0659, 78.5389



60.0184, 80.0659, 106.8987



64.8717, 80.0659, 134.6802

Triad

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



60.0184, 80.0659, 106.8987



91.2557, 80.0659, 125.6407



79.2652, 80.0659, 44.6528

Complementary

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



60.0184, 80.0659, 106.8987



51.4703, 36.4879, 21.4717

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.



88.5550, 80.0659, 52.4088



60.0184, 80.0659, 106.8987



95.8532, 80.0659, 96.4287

Square

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



60.0184, 80.0659, 106.8987



82.7061, 80.0659, 146.9862



94.8252, 80.0659, 70.0456



69.8558, 80.0659, 46.2943

Rectangle

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



60.0184, 80.0659, 106.8987



70.0250, 80.0659, 147.2506



94.8252, 80.0659, 70.0456



82.5171, 80.0659, 46.1721

Sweetspot

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



60.0205, 80.0689, 106.8992



81.2215, 92.3093, 108.1444



46.6399, 76.7351, 30.2149



17.0513, 19.5707, 23.1288



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.



60.0205, 80.0689, 106.8992



56.7038, 78.0052, 106.6756



42.7084, 45.4445, 101.1284



18.5068, 20.3851, 23.2093



26.9213, 38.7521, 55.4956



2.6350, 3.8007, 5.4080

Inverse Universe

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



65.1324, 41.1837, 95.7865



62.3428, 35.7969, 94.2632



62.6621, 58.8716, 25.2023



18.7684, 18.2907, 22.6637



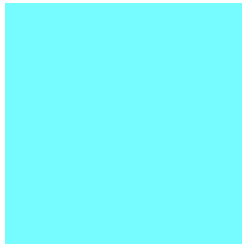
30.3768, 14.6400, 47.4961



2.9646, 1.4282, 4.6611

Previews

White Background



This preview shows how the XYZ color 60.0184, 80.0659, 106.8987 looks on a white background.

Color Contrast Check

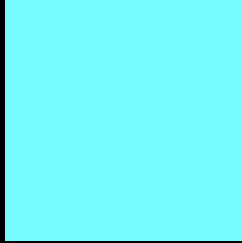
Large Text (above 18pt) WCAG AA × Fail

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 60.0184, 80.0659, 106.8987 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 60.0184, 80.0659, 106.8987

Background



This preview shows how black text looks on a background with the XYZ color 60.0184, 80.0659, 106.8987.

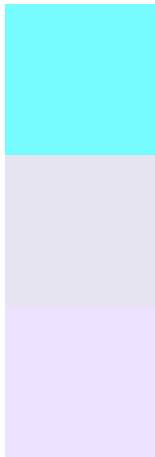


This preview shows how white text looks on a background with the XYZ color 60.0184, 80.0659,

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

60.0184, 80.0659, 106.8987

Protanopia

76.2537, 78.6607, 94.3831

Deuteranopia

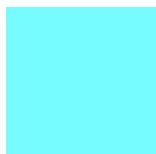
79.5673, 78.9033, 105.6440



Tritanopia

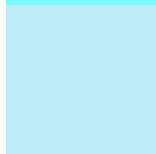
67.0357, 79.6085, 106.4406

Trichromacy



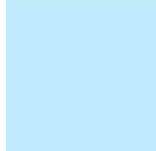
Original Color

60.0184, 80.0659, 106.8987



Protanomaly

67.6163, 77.4635, 98.5770



Deuteranomaly

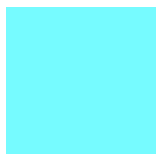
69.4651, 77.4031, 105.8868



Tritanomaly

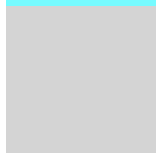
63.8393, 79.2971, 106.5489

Monochromacy



Original Color

60.0184, 80.0659, 106.8987



Achromatopsia

62.5785, 65.8375, 71.6970



Achromatomaly

59.5600, 69.4591, 83.6666

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.0184, 80.0659, 106.8987 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, 251, 255)` looks like.

```
.text, #text, p{  
    color:rgb(118, 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(118, 251, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 251, 255) }
```

Border

The CSS property to change the border of an element to XYZ 60.0184, 80.0659, 106.8987 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, 251, 255) }
```


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

```
.border{ border-color:rgb(118, 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(118, 251, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 251, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 251, 255);  
box-shadow:4px 4px 4px 4px rgb(118, 251,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 60.0184, 80.0659, 106.8987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 251, 255) }
```

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

```
.background{ background-color: rgb(118,  
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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