

Converting Colors

XYZ(60.6438, 82.3366,
103.9631)

Have a look what the booklet for
XYZ(60.6438, 82.3366, 103.9631)
contains.

XYZ(60.6438, 82.3366, 103.9631)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(60.6438, 82.3366,
103.9631)**

Conversions

Conversions Part 1

Format	Color
Hex	76FFFB
RGB	118, 255, 251
RGB Percent	46%, 100%, 98%
CMY	0.5372, 0.0000, 0.0157
CMYK	0.54, 0.00, 0.02, 0.00
HSL	178°, 100%, 73%
HSV	178°, 54%, 100%
XYZ	60.6438, 82.3366, 103.9631
YIQ	213.5810, -80.3680, -30.2880

Conversions

Conversions Part 2

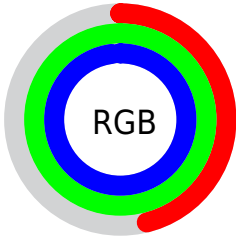
Format	Color
R_{YB}	118, 188, 255
Decimal	7798779
CIE _{Lab}	92.72, -38.19, -9.49
CIE _{LCh}	93, 39.349, 193.952
Yxy	82.3366, 0.2456, 0.3334
Android (android.graphics.Color)	4285988859 (0xFF76FFFB)
YUV	213.5810, 18.4476, -83.8245
Hunter-Lab	90.7395, -39.4975, -4.4127

Details

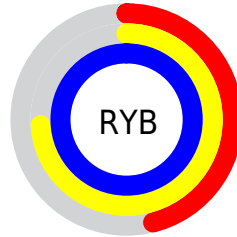
The XYZ color **60.6438, 82.3366, 103.9631** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **51.2323, 35.6236, 22.5896**, and the grayscale version is **63.5544, 66.8642, 72.8151**.

A 20% lighter version of the original color is **72.6324, 88.4433, 107.8509**, and **31.1266, 44.8862, 58.6531** is the 20% darker color. If you saturate the color by 10%, you get **57.5201, 80.7398, 103.2071**, and if you desaturate by 10%, it is **64.7060, 84.4171, 104.7683**.

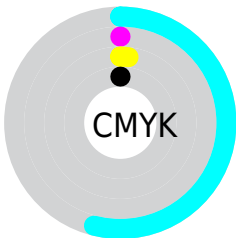
Distribution



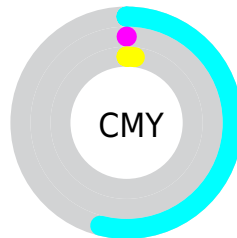
- Red (46%)
- Green (100%)
- Blue (98%)



- Red (46%)
- Yellow (74%)
- Blue (100%)



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




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

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.6438, 82.3366, 103.9631 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 60.6438, 82.3366, 103.9631 by changing the saturation by 10% instead.


 60.6438, 82.3366,
103.9631


 60.6438, 82.3366,
103.9631


416.7636,
502.7729, 594.1802


 44.1892, 61.6430,
78.9791


 104.8641,
136.6459, 168.6920

 31.0178, 44.7443,
58.3574


 133.3604,
171.0305, 209.2740

 20.7643, 31.2561,
41.6795


 166.6014,
210.7475, 255.8925

 13.0633, 20.7939,
28.5267

204.9525,
256.1813, 308.9659

 7.5495, 12.9735,
18.4806

248.7788,
307.7164, 368.9129

 3.8574, 7.4103,
11.1226

298.4459,

 1.6218, 3.7200,

365.7371, 436.1519

6.0341

354.3190,
430.6278, 511.1015

0.4065, 1.5182,
2.7967

0.0000, 0.3015,
0.9918

60.6438, 82.3366,
103.9631

60.6438, 82.3366,
103.9631

57.5201, 80.7398,
103.2071

64.7060, 84.4171,
104.7683

55.2542, 79.5851,
102.4922

69.7720, 87.0151,
105.6215

53.7577, 78.8270,
101.8157

75.9053, 90.1632,
106.5271

52.9209, 78.4091,
101.1724

83.1631, 93.8910,
107.4877

■ 52.6347, 78.2699,
100.7811

■ 91.5985, 98.2258,
108.5058

95.0500, 100.0000,
108.9000

Harmonies

Analogous

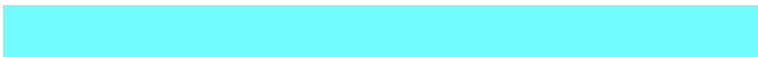
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



60.8014, 82.3366, 74.9317



60.6438, 82.3366, 103.9631



64.9073, 82.3366, 134.8201

Triad

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



60.6438, 82.3366, 103.9631



92.7531, 82.3366, 136.7461



83.8354, 82.3366, 45.6037

Complementary

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



60.6438, 82.3366, 103.9631



51.2323, 35.6236, 22.5896

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.



93.3253, 82.3366, 55.8984



60.6438, 82.3366, 103.9631



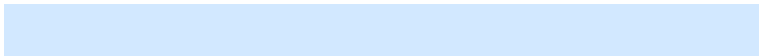
98.7729, 82.3366, 106.1807

Square

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



60.6438, 82.3366, 103.9631



83.1083, 82.3366, 156.3610



98.9911, 82.3366, 76.7159



73.6011, 82.3366, 45.2639

Rectangle

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



60.6438, 82.3366, 103.9631



69.9173, 82.3366, 150.5391



98.9911, 82.3366, 76.7159



87.2380, 82.3366, 47.8932

Sweetspot

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



60.6449, 82.3371, 103.9646



81.4088, 92.9898, 107.2640



47.1378, 77.0077, 29.5210



17.0965, 19.7350, 22.9162



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.



60.6449, 82.3371, 103.9646



57.4462, 80.7020, 103.1867



44.1680, 48.3639, 101.6150



18.5306, 20.4718, 23.0972



27.5131, 40.9018, 52.7145



2.6858, 3.9852, 5.1692

Inverse Universe

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



51.2323, 35.6236, 22.5896



47.1872, 29.7346, 14.4550



61.2254, 55.9981, 24.7233



18.0309, 17.9957, 18.7797



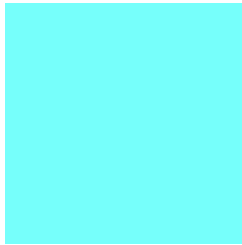
21.5794, 11.1210, 1.1695



2.1083, 1.0857, 0.1519

Previews

White Background



This preview shows how the XYZ color 60.6438, 82.3366, 103.9631 looks on a white background.

Color Contrast Check

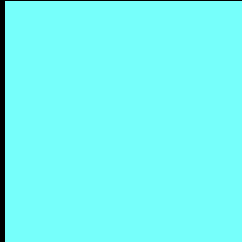
Large Text (above 18pt) WCAG AA × Fail

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 60.6438, 82.3366, 103.9631 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 60.6438, 82.3366, 103.9631

Background



This preview shows how black text looks on a background with the XYZ color 60.6438, 82.3366, 103.9631.

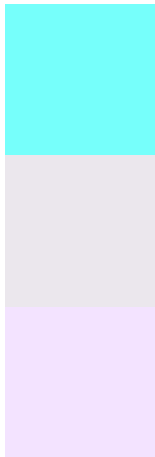


This preview shows how white text looks on a background with the XYZ color 60.6438, 82.3366,

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

60.6438, 82.3366, 103.9631

Protanopia

78.1229, 80.9284, 91.6240

Deuteranopia

82.4812, 81.2129, 105.9362



Tritanopia

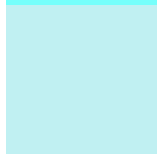
69.8678, 81.5115, 106.6586

Trichromacy



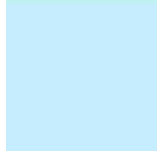
Original Color

60.6438, 82.3366, 103.9631



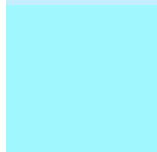
Protanomaly

68.9253, 79.9374, 95.8011



Deuteranomaly

71.4623, 79.7299, 105.3889



Tritanomaly

65.6474, 81.1509, 105.9696

Monochromacy



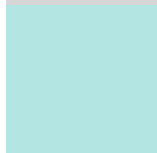
Original Color

60.6438, 82.3366, 103.9631



Achromatopsia

63.9157, 67.2443, 73.2291



Achromatomaly

60.4748, 71.1684, 83.2226

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.6438, 82.3366, 103.9631 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, 255, 251)` looks like.

```
.text, #text, p{  
    color:rgb(118, 255, 251)  
}
```

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, 255, 251) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 60.6438, 82.3366, 103.9631 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, 255, 251) }
```


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

```
.border{ border-color:rgb(118, 255, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 255, 251)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 60.6438, 82.3366, 103.9631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(118,  
255, 251) }
```

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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