

Converting Colors

XYZ(53.9532, 78.8138,
106.9767)

Have a look what the booklet for
XYZ(53.9532, 78.8138, 106.9767)
contains.

XYZ(53.9480, 78.8111, 106.9765)	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(53.9480, 78.8111,
106.9765)**

Conversions

Conversions Part 1

Format	Color
Hex	0BFFFF
RGB	11, 255, 255
RGB Percent	4%, 100%, 100%
CMY	0.9566, 0.0000, 0.0000
CMYK	0.96, 0.00, 0.00, 0.00
HSL	180°, 100%, 52%
HSV	180°, 96%, 100%
XYZ	53.9480, 78.8111, 106.9765
YIQ	182.0440, -145.4240, -51.7280

Conversions

Conversions Part 2

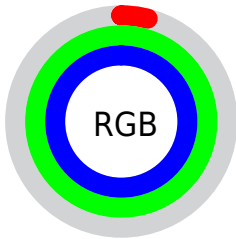
Format	Color
R_{YB}	11, 133, 255
Decimal	786431
CIE _{Lab}	91.15, -47.87, -14.09
CIE _{LCh}	91, 49.895, 196.399
Yxy	78.8111, 0.2250, 0.3287
Android (android.graphics.Color)	4278976511 (0xFF0BFFFF)
YUV	182.0440, 35.9673, -150.0056
Hunter-Lab	88.7756, -46.8848, -9.3028

Details

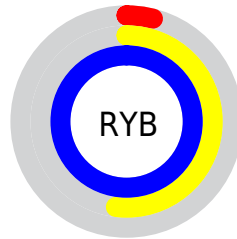
The XYZ color **53.9480, 78.8111, 106.9765** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light saturated cyan. A complement of this color would be **41.4213, 21.5253, 2.2905**, and the grayscale version is **44.3659, 46.6763, 50.8305**.

A 20% lighter version of the original color is **61.9784, 82.9510, 107.3523**, and **30.1593, 44.0097, 60.3312** is the 20% darker color. If you saturate the color by 10%, you get **53.8100, 78.7400, 106.9700**, and if you desaturate by 10%, it is **54.5577, 79.1255, 107.0050**.

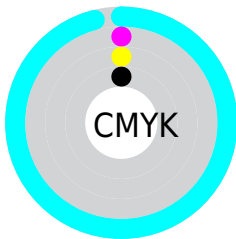
Distribution



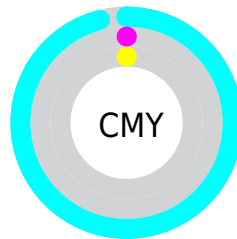
- Red (4%)
- Green (100%)
- Blue (100%)



- Red (4%)
- Yellow (52%)
- Blue (100%)



- Cyan (96%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)



- Cyan (96%)
- Magenta (0%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.9480, 78.8111, 106.9765 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 53.9480, 78.8111, 106.9765 by changing the saturation by 10% instead.


 53.9480, 78.8111,
106.9765


 53.9480, 78.8111,
106.9765


392.1133,
490.9171, 603.7725


 38.7906, 58.7405,
81.4903


 95.1552, 131.6929,
172.8471


 26.7769, 42.4043,
60.4121


 121.9358,
165.2729, 214.0686

 17.5414, 29.4180,
43.3234


 153.3214,
204.1248, 261.3723

 10.7189, 19.3972,
29.8057

 189.6775,
248.6330, 315.1768

 5.9441, 11.9577,
19.4404

231.3693,
299.1820, 375.9005

 2.8514, 6.7149,
11.8089

278.7623,

 1.0757, 3.2844,

356.1561, 443.9619

6.4927

332.2219,
419.9396, 519.7798

■ 0.0046, 1.2820,
3.0733

■ 0.0000, 0.1272,
1.1322

■ 53.9480, 78.8111,
106.9765

■ 53.9480, 78.8111,
106.9765

■ 53.8100, 78.7400,
106.9700

■ 54.5577, 79.1255,
107.0050

■ 55.8012, 79.7665,
107.0632

■ 57.7941, 80.7939,
107.1565

■ 60.6294, 82.2555,
107.2891

64.3862, 84.1922,
107.4650

69.1348, 86.6402,
107.6872

74.9386, 89.6322,
107.9588

81.8556, 93.1980,
108.2825

89.9398, 97.3656,
108.6608

Harmonies

Analogous

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



53.7019, 78.8111, 70.4779



53.9480, 78.8111, 106.9765



59.3814, 78.8111, 146.6518

Triad

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



53.9480, 78.8111, 106.9765



93.8997, 78.8111, 143.2469



80.7630, 78.8111, 34.4205

Complementary

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



53.9480, 78.8111, 106.9765



41.4213, 21.5253, 2.2905

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.



92.9285, 78.8111, 44.6674



53.9480, 78.8111, 106.9765



101.0688, 78.8111, 103.2228

Square

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



53.9480, 78.8111, 106.9765



81.9729, 78.8111, 171.2870



100.6946, 78.8111, 67.6409



68.2604, 78.8111, 34.9006

Rectangle

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



53.9480, 78.8111, 106.9765



65.6020, 78.8111, 166.5948



100.6946, 78.8111, 67.6409



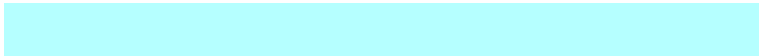
85.0540, 78.8111, 36.5662

Sweetspot

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



53.9490, 78.8116, 106.9765



72.8778, 88.5698, 107.8624



35.9598, 71.6160, 12.2468



15.0738, 18.6869, 23.0624



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.



53.9490, 78.8116, 106.9765



53.8100, 78.7400, 106.9700



26.5815, 24.0766, 97.8540



18.5550, 20.4815, 23.2253



28.1169, 41.1433, 55.8941



2.7376, 4.0060, 5.4422

Inverse Universe

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



59.4105, 28.7210, 97.0202



59.2900, 28.4800, 96.9800



49.6933, 38.0693, 5.0478



18.7928, 18.3004, 22.7918



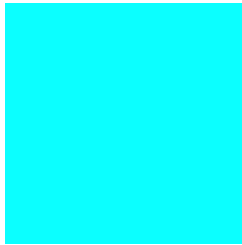
30.9803, 14.8814, 50.6741



3.0164, 1.4490, 4.9340

Previews

White Background



This preview shows how the XYZ color 53.9480, 78.8111, 106.9765 looks on a white background.

Color Contrast Check

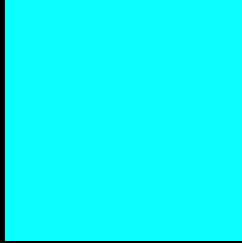
Large Text (above 18pt) WCAG AA × Fail

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 53.9480, 78.8111, 106.9765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

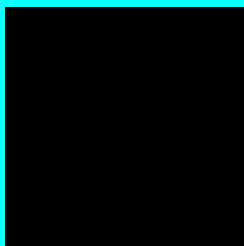
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.9480, 78.8111, 106.9765

Background



This preview shows how black text looks on a background with the XYZ color 53.9480, 78.8111, 106.9765.

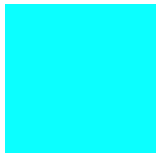


This preview shows how white text looks on a background with the XYZ color 53.9480, 78.8111,

Color Blindness Simulation

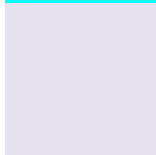
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



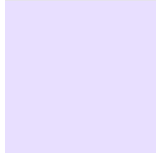
Original Color

53.9480, 78.8111, 106.9765



Protanopia

74.7955, 77.1652, 91.0730



Deuteranopia

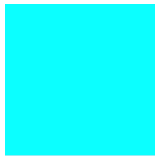
77.7164, 77.1512, 105.4033



Tritanopia

63.5124, 77.7922, 106.2757

Trichromacy



Original Color

53.9480, 78.8111, 106.9765



Protanomaly

59.1910, 73.5841, 96.6714



Deuteranomaly

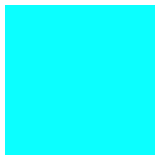
60.7072, 73.3121, 105.5588



Tritanomaly

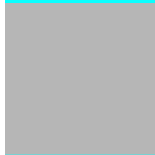
56.9043, 76.6251, 106.3987

Monochromacy



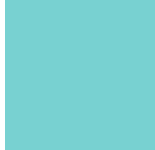
Original Color

53.9480, 78.8111, 106.9765



Achromatopsia

44.4628, 46.7784, 50.9417



Achromatomaly

42.0548, 54.1974, 68.5662

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9480, 78.8111, 106.9765 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(11, 255, 255)` looks like.

```
.text, #text, p{  
    color:rgb(11, 255, 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(11, 255, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 255, 255) }
```

Border

The CSS property to change the border of an element to XYZ 53.9480, 78.8111, 106.9765 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(11, 255, 255) }
```


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

```
.border{ border-color:rgb(11, 255, 255) }
```

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

Here you see how a box with a 4 pixel rgb(11, 255, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 255, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 255, 255);  
box-shadow:4px 4px 4px 4px rgb(11, 255,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9480, 78.8111, 106.9765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 255, 255) }
```

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

```
.background{ background-color: rgb(11, 255,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor