

Converting Colors

XYZ(53.8789, 78.7755,
106.9732)

Have a look what the booklet for
XYZ(53.8789, 78.7755, 106.9732)
contains.

XYZ(53.8851, 78.7787, 106.9735)	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(53.8851, 78.7787,
106.9735)**

Conversions

Conversions Part 1

Format	Color
Hex	06FFFF
RGB	6, 255, 255
RGB Percent	2%, 100%, 100%
CMY	0.9762, 0.0000, 0.0000
CMYK	0.98, 0.00, 0.00, 0.00
HSL	180°, 100%, 51%
HSV	180°, 98%, 100%
XYZ	53.8851, 78.7787, 106.9735
YIQ	180.5490, -148.4040, -52.7880

Conversions

Conversions Part 2

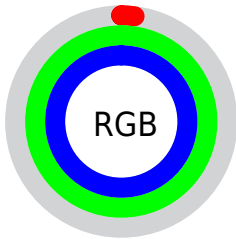
Format	Color
RYB	6, 131, 255
Decimal	458751
CIELab	91.13, -47.96, -14.11
CIELCh	91, 49.995, 196.393
Yxy	78.7787, 0.2249, 0.3287
Android (android.graphics.Color)	4278648831 (0xFF06FFFF)
YUV	180.5490, 36.7043, -153.0795
Hunter-Lab	88.7574, -46.9570, -9.3282

Details

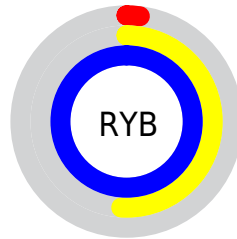
The XYZ color **53.8851, 78.7787, 106.9735** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light saturated cyan. A complement of this color would be **41.3393, 21.4052, 2.1273**, and the grayscale version is **43.5554, 45.8237, 49.9020**.

A 20% lighter version of the original color is **61.8360, 82.8776, 107.3456**, 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 **54.3926, 79.0403, 106.9973**.

Distribution



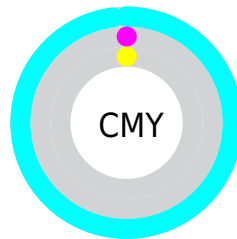
- Red (2%)
- Green (100%)
- Blue (100%)



- Red (2%)
- Yellow (51%)
- Blue (100%)



- Cyan (98%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)





- Cyan (98%)
- Magenta (0%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.8851, 78.7787, 106.9735 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 53.8851, 78.7787, 106.9735 by changing the saturation by 10% instead.


 53.8851, 78.7787,
106.9735


 53.8851, 78.7787,
106.9735

391.8772,
490.8074, 603.7630


 38.7401, 58.7139,
81.4878


 95.0634, 131.6473,
172.8430


 26.7374, 42.3828,
60.4101


 121.8274,
165.2198, 214.0639

 17.5117, 29.4012,
43.3218

 153.1952,
204.0637, 261.3669

 10.6975, 19.3845,
29.8044


 189.5320,
248.5633, 315.1706

 5.9296, 11.9484,
19.4394

231.2033,
299.1031, 375.8935

 2.8426, 6.7086,
11.8082

278.5743,

 1.0711, 3.2805,

356.0675, 443.9542

6.4923

332.0105,
419.8408, 519.7712

■ 0.0007, 1.2799,
3.0731

■ 0.0000, 0.1255,
1.1321

■ 53.8851, 78.7787,
106.9735

■ 53.8851, 78.7787,
106.9735

■ 53.8100, 78.7400,
106.9700

■ 54.3926, 79.0403,
106.9973

■ 55.5017, 79.6121,
107.0492

■ 57.3401, 80.5598,
107.1352

■ 60.0037, 81.9330,
107.2599

■ 63.5742, 83.7736,
107.4270

■ 68.1233, 86.1188,
107.6399

■ 73.7157, 89.0017,
107.9016

■ 80.4102, 92.4529,
108.2149

■ 88.2617, 96.5005,
108.5823

Harmonies

Analogous

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



53.6397, 78.7787, 70.4122



53.8851, 78.7787, 106.9735



59.3247, 78.7787, 146.7391

Triad

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



53.8851, 78.7787, 106.9735



93.9030, 78.7787, 143.3402



80.7452, 78.7787, 34.3284

Complementary

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



53.8851, 78.7787, 106.9735



41.3393, 21.4052, 2.1273

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.



92.9339, 78.7787, 44.5822



53.8851, 78.7787, 106.9735



101.0884, 78.7787, 103.2278

Square

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



53.8851, 78.7787, 106.9735



81.9523, 78.7787, 171.4468



100.7150, 78.7787, 67.5829



68.2207, 78.7787, 34.8066

Rectangle

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



53.8851, 78.7787, 106.9735



65.5539, 78.7787, 166.7349



100.7150, 78.7787, 67.5829



85.0442, 78.7787, 36.4754

Sweetspot

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



53.8861, 78.7792, 106.9736



72.8778, 88.5698, 107.8624



35.8694, 71.5725, 12.0989



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.



53.8861, 78.7792, 106.9736



53.8100, 78.7400, 106.9700



26.1805, 23.3681, 97.7384



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.



59.3560, 28.6119, 97.0020



59.2900, 28.4800, 96.9800



49.3277, 37.3822, 4.7901



18.7928, 18.3004, 22.7918



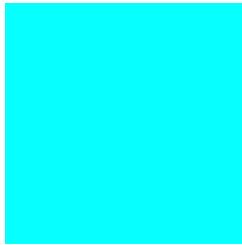
30.9803, 14.8814, 50.6741



3.0164, 1.4490, 4.9340

Previews

White Background



This preview shows how the XYZ color 53.8851, 78.7787, 106.9735 looks on a white background.

Color Contrast Check

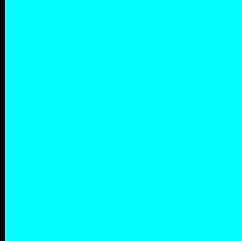
Large Text (above 18pt) WCAG AA × Fail

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 53.8851, 78.7787, 106.9735 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 53.8851, 78.7787, 106.9735

Background



This preview shows how black text looks on a background with the XYZ color 53.8851, 78.7787, 106.9735.

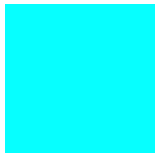


This preview shows how white text looks on a background with the XYZ color 53.8851, 78.7787,

Color Blindness Simulation

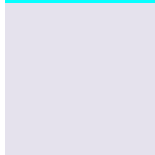
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

53.8851, 78.7787, 106.9735



Protanopia

74.7955, 77.1652, 91.0730



Deuteranopia

77.7164, 77.1512, 105.4033



Tritanopia

63.5124, 77.7922, 106.2757

Trichromacy



Original Color

53.8851, 78.7787, 106.9735



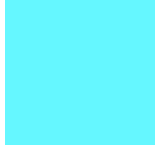
Protanomaly

58.8261, 73.3959, 96.6543



Deuteranomaly

60.3360, 73.1207, 105.5414



Tritanomaly

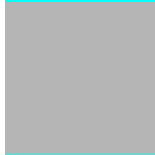
56.6776, 76.5082, 106.3881

Monochromacy



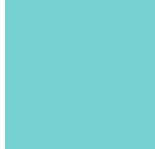
Original Color

53.8851, 78.7787, 106.9735



Achromatopsia

43.9204, 46.2077, 50.3202



Achromatomaly

41.2772, 53.4477, 67.8154

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8851, 78.7787, 106.9735 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(6, 255, 255)` looks like.

```
.text, #text, p{  
    color:rgb(6, 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(6, 255, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 255, 255) }
```

Border

The CSS property to change the border of an element to XYZ 53.8851, 78.7787, 106.9735 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(6, 255, 255) }
```


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

```
.border{ border-color:rgb(6, 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(6, 255, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 255, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 255, 255);  
box-shadow:4px 4px 4px 4px rgb(6, 255,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8851, 78.7787, 106.9735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 255, 255) }
```

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

```
.background{ background-color: rgb(6, 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](#).

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