

Converting Colors

XYZ(53.7821, 78.4833,
107.3454)

Have a look what the booklet for
XYZ(53.7821, 78.4833, 107.3454)
contains.

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Color

**XYZ(53.8601, 78.7658,
106.9723)**

Conversions

Conversions Part 1

Format	Color
Hex	04FFFF
RGB	4, 255, 255
RGB Percent	2%, 100%, 100%
CMY	0.9840, 0.0000, 0.0000
CMYK	0.98, 0.00, 0.00, 0.00
HSL	180°, 100%, 51%
HSV	180°, 98%, 100%
XYZ	53.8601, 78.7658, 106.9723
YIQ	179.9510, -149.5960, -53.2120

Conversions

Conversions Part 2

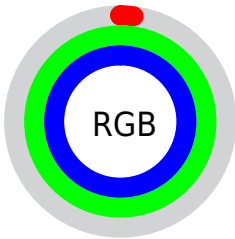
Format	Color
R_{YB}	4, 130, 255
Decimal	327679
CIE _{Lab}	91.13, -48.00, -14.12
CIE _{LCh}	91, 50.035, 196.391
Yxy	78.7658, 0.2248, 0.3287
Android (android.graphics.Color)	4278517759 (0xFF04FFFF)
YUV	179.9510, 36.9992, -154.3090
Hunter-Lab	88.7501, -46.9857, -9.3384

Details

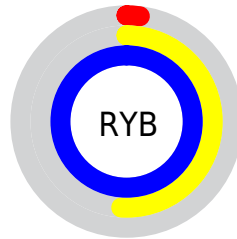
The XYZ color **53.8601, 78.7658, 106.9723** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light saturated cyan. A complement of this color would be **41.3067, 21.3575, 2.0625**, and the grayscale version is **43.2340, 45.4856, 49.5338**.

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 **54.3333, 79.0098, 106.9945**.

Distribution



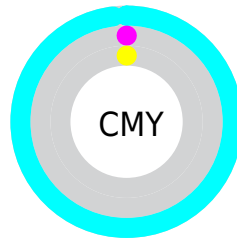
- Red (2%)
- Green (100%)
- Blue (100%)



- 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 53.8601, 78.7658, 106.9723 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 53.8601, 78.7658, 106.9723 by changing the saturation by 10% instead.


 53.8601, 78.7658,
106.9723


 53.8601, 78.7658,
106.9723


391.7834,
490.7637, 603.7592


 38.7200, 58.7033,
81.4868


 95.0269, 131.6291,
172.8413


 26.7218, 42.3743,
60.4093


 121.7844,
165.1987, 214.0620

 17.4999, 29.3945,
43.3211


 153.1450,
204.0394, 261.3647

 10.6890, 19.3794,
29.8039

 189.4742,
248.5356, 315.1681

 5.9239, 11.9448,
19.4390

231.1372,
299.0717, 375.8907

 2.8391, 6.7061,
11.8079

278.4996,

 1.0692, 3.2790,

356.0322, 443.9511

6.4921

331.9265,
419.8014, 519.7677

■ 0.0000, 1.2791,
3.0729

■ 0.0000, 0.1249,
1.1320

■ 53.8601, 78.7658,
106.9723

■ 53.8601, 78.7658,
106.9723

■ 53.8100, 78.7400,
106.9700

■ 54.3333, 79.0098,
106.9945

■ 55.3900, 79.5545,
107.0439

■ 57.1675, 80.4709,
107.1271

■ 59.7635, 81.8091,
107.2486

■ 63.2603, 83.6118,
107.4123

■ 67.7304, 85.9162,
107.6215

■ 73.2389, 88.7559,
107.8793

■ 79.8452, 92.1616,
108.1884

■ 87.6042, 96.1616,
108.5515

Harmonies

Analogous

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



53.6150, 78.7658, 70.3860



53.8601, 78.7658, 106.9723



59.3021, 78.7658, 146.7738

Triad

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



53.8601, 78.7658, 106.9723



93.9043, 78.7658, 143.3771



80.7381, 78.7658, 34.2918

Complementary

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



53.8601, 78.7658, 106.9723



41.3067, 21.3575, 2.0625

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.



92.9360, 78.7658, 44.5484



53.8601, 78.7658, 106.9723



101.0962, 78.7658, 103.2297

Square

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



53.8601, 78.7658, 106.9723



81.9441, 78.7658, 171.5103



100.7231, 78.7658, 67.5598



68.2049, 78.7658, 34.7693

Rectangle

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



53.8601, 78.7658, 106.9723



65.5348, 78.7658, 166.7905



100.7231, 78.7658, 67.5598



85.0402, 78.7658, 36.4393

Sweetspot

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



53.8611, 78.7663, 106.9724



72.2850, 88.2642, 107.8346



35.8334, 71.5553, 12.0401



14.9625, 18.6296, 23.0572



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.



53.8611, 78.7663, 106.9724



53.8100, 78.7400, 106.9700



26.0227, 23.0896, 97.6929



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.



59.3343, 28.5686, 96.9948



59.2900, 28.4800, 96.9800



49.1840, 37.1122, 4.6883



18.7928, 18.3004, 22.7918



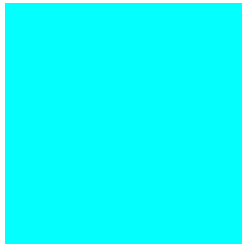
30.9803, 14.8814, 50.6741



3.0164, 1.4490, 4.9340

Previews

White Background



This preview shows how the XYZ color 53.8601, 78.7658, 106.9723 looks on a white background.

Color Contrast Check

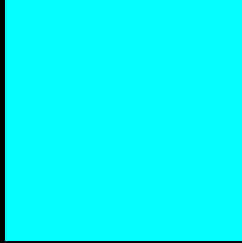
Large Text (above 18pt) WCAG AA × Fail

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 53.8601, 78.7658, 106.9723 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 53.8601, 78.7658, 106.9723

Background



This preview shows how black text looks on a background with the XYZ color 53.8601, 78.7658, 106.9723.

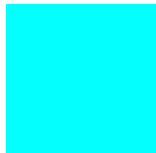


This preview shows how white text looks on a background with the XYZ color 53.8601, 78.7658,

Color Blindness Simulation

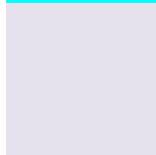
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

53.8601, 78.7658, 106.9723



Protanopia

74.7955, 77.1652, 91.0730



Deuteranopia

77.7164, 77.1512, 105.4033



Tritanopia

63.5124, 77.7922, 106.2757

Trichromacy



Original Color

53.8601, 78.7658, 106.9723



Protanomaly

58.6459, 73.3031, 96.6459



Deuteranomaly

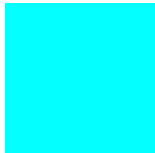
60.1528, 73.0262, 105.5328



Tritanomaly

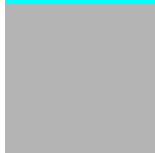
56.6776, 76.5082, 106.3881

Monochromacy



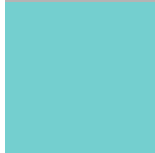
Original Color

53.8601, 78.7658, 106.9723



Achromatopsia

43.3819, 45.6411, 49.7032



Achromatomaly

40.7778, 52.8436, 67.0821

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8601, 78.7658, 106.9723 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(4, 255, 255)` looks like.

```
.text, #text, p{  
    color:rgb(4, 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(4, 255, 255) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 53.8601, 78.7658, 106.9723 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(4, 255, 255) }
```


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

```
.border{ border-color:rgb(4, 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(4, 255, 255)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 53.8601, 78.7658, 106.9723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 255, 255) }
```

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

```
.background{ background-color: rgb(4, 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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