

Converting Colors

XYZ(53.9003, 78.7866,
106.9742)

Have a look what the booklet for
XYZ(53.9003, 78.7866, 106.9742)
contains.

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Color

**XYZ(53.8976, 78.7852,
106.9741)**

Conversions

Conversions Part 1

Format	Color
Hex	07FFFF
RGB	7, 255, 255
RGB Percent	3%, 100%, 100%
CMY	0.9723, 0.0000, 0.0000
CMYK	0.97, 0.00, 0.00, 0.00
HSL	180°, 100%, 51%
HSV	180°, 97%, 100%
XYZ	53.8976, 78.7852, 106.9741
YIQ	180.8480, -147.8080, -52.5760

Conversions

Conversions Part 2

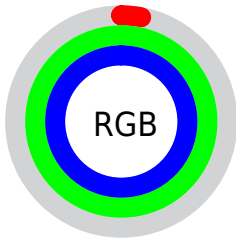
Format	Color
RYB	7, 131, 255
Decimal	524287
CIELab	91.14, -47.94, -14.11
CIELCh	91, 49.976, 196.394
Yxy	78.7852, 0.2249, 0.3287
Android (android.graphics.Color)	4278714367 (0xFF07FFFF)
YUV	180.8480, 36.5569, -152.4647
Hunter-Lab	88.7610, -46.9428, -9.3231

Details

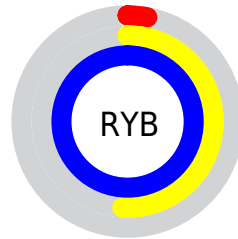
The XYZ color **53.8976, 78.7852, 106.9741** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light saturated cyan. A complement of this color would be **41.3555, 21.4290, 2.1596**, and the grayscale version is **43.7162, 45.9929, 50.0863**.

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 **54.4236, 79.0563, 106.9987**.

Distribution



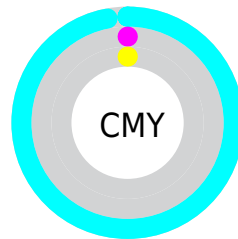
- Red (3%)
- Green (100%)
- Blue (100%)



- Red (3%)
- Yellow (51%)
- Blue (100%)



- Cyan (97%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)





- Cyan (97%)
- Magenta (0%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.8976, 78.7852, 106.9741 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 53.8976, 78.7852, 106.9741 by changing the saturation by 10% instead.


 53.8976, 78.7852,
106.9741


 53.8976, 78.7852,
106.9741


391.9241,
490.8294, 603.7649


 38.7501, 58.7192,
81.4883


 95.0817, 131.6564,
172.8438


 26.7453, 42.3871,
60.4105


 121.8490,
165.2305, 214.0648

 17.5176, 29.4045,
43.3221

 153.2203,
204.0760, 261.3680

 10.7018, 19.3871,
29.8047

 189.5609,
248.5773, 315.1718

 5.9325, 11.9503,
19.4396

231.2363,
299.1190, 375.8949

 2.8443, 6.7098,
11.8083

278.6117,

 1.0720, 3.2813,

356.0853, 443.9558

6.4923

332.0525,
419.8606, 519.7729

■ 0.0015, 1.2803,
3.0731

■ 0.0000, 0.1259,
1.1321

■ 53.8976, 78.7852,
106.9741

■ 53.8976, 78.7852,
106.9741

■ 53.8100, 78.7400,
106.9700

■ 54.4236, 79.0563,
106.9987

■ 55.5591, 79.6417,
107.0519

■ 57.4280, 80.6051,
107.1393

■ 60.1256, 81.9958,
107.2656

■ 63.7330, 83.8555,
107.4344

■ 68.3217, 86.2210,
107.6491

■ 73.9560, 89.1256,
107.9128

■ 80.6947, 92.5996,
108.2282

■ 88.5924, 96.6710,
108.5978

Harmonies

Analogous

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



53.6521, 78.7852, 70.4252



53.8976, 78.7852, 106.9741



59.3359, 78.7852, 146.7219

Triad

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



53.8976, 78.7852, 106.9741



93.9024, 78.7852, 143.3220



80.7488, 78.7852, 34.3466

Complementary

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



53.8976, 78.7852, 106.9741



41.3555, 21.4290, 2.1596

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.



92.9330, 78.7852, 44.5992



53.8976, 78.7852, 106.9741



101.0846, 78.7852, 103.2270

Square

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



53.8976, 78.7852, 106.9741



81.9565, 78.7852, 171.4154



100.7111, 78.7852, 67.5945



68.2287, 78.7852, 34.8252

Rectangle

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



53.8976, 78.7852, 106.9741



65.5635, 78.7852, 166.7072



100.7111, 78.7852, 67.5945



85.0462, 78.7852, 36.4934

Sweetspot

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



53.8985, 78.7856, 106.9741



72.8778, 88.5698, 107.8624



35.8873, 71.5811, 12.1282



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.



53.8985, 78.7856, 106.9741



53.8100, 78.7400, 106.9700



26.2597, 23.5080, 97.7612



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.



59.3668, 28.6335, 97.0056



59.2900, 28.4800, 96.9800



49.3999, 37.5178, 4.8411



18.7928, 18.3004, 22.7918



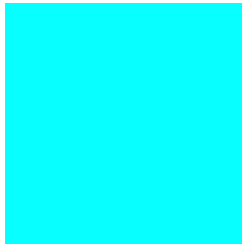
30.9803, 14.8814, 50.6741



3.0164, 1.4490, 4.9340

Previews

White Background



This preview shows how the XYZ color 53.8976, 78.7852, 106.9741 looks on a white background.

Color Contrast Check

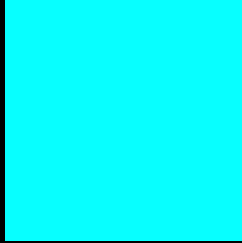
Large Text (above 18pt) WCAG AA × Fail

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 53.8976, 78.7852, 106.9741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

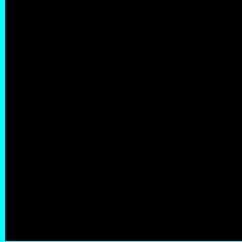
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

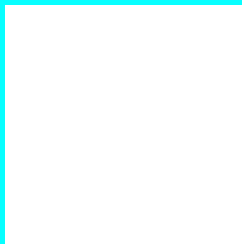
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.8976, 78.7852, 106.9741

Background



This preview shows how black text looks on a background with the XYZ color 53.8976, 78.7852, 106.9741.

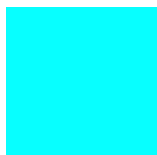


This preview shows how white text looks on a background with the XYZ color 53.8976, 78.7852,

Color Blindness Simulation

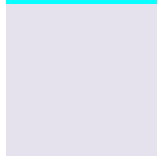
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

53.8976, 78.7852, 106.9741



Protanopia

74.7955, 77.1652, 91.0730



Deuteranopia

77.7164, 77.1512, 105.4033



Tritanopia

63.5124, 77.7922, 106.2757

Trichromacy



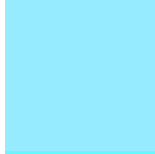
Original Color

53.8976, 78.7852, 106.9741



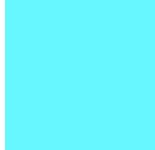
Protanomaly

58.8261, 73.3959, 96.6543



Deuteranomaly

60.3360, 73.1207, 105.5414



Tritanomaly

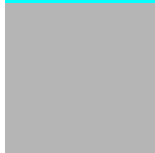
56.7903, 76.5663, 106.3934

Monochromacy



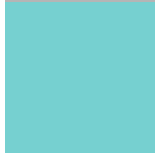
Original Color

53.8976, 78.7852, 106.9741



Achromatopsia

43.9204, 46.2077, 50.3202



Achromatomaly

41.4123, 53.5174, 67.8217

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8976, 78.7852, 106.9741 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(7, 255, 255)` looks like.

```
.text, #text, p{  
    color:rgb(7, 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(7, 255, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 255, 255) }
```

Border

The CSS property to change the border of an element to XYZ 53.8976, 78.7852, 106.9741 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(7, 255, 255) }
```


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

```
.border{ border-color:rgb(7, 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(7, 255, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 255, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 255, 255);  
box-shadow:4px 4px 4px 4px rgb(7, 255,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8976, 78.7852, 106.9741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 255, 255) }
```

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

```
.background{ background-color: rgb(7, 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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