

Converting Colors

XYZ(53.6139, 77.9283,
106.8237)

Have a look what the booklet for
XYZ(53.6139, 77.9283, 106.8237)
contains.

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Color

**XYZ(53.4638, 77.6193,
106.7719)**

Conversions

Conversions Part 1

Format	Color
Hex	14FDFF
RGB	20, 253, 255
RGB Percent	8%, 99%, 100%
CMY	0.9214, 0.0078, 0.0000
CMYK	0.92, 0.01, 0.00, 0.00
HSL	181°, 100%, 54%
HSV	181°, 92%, 100%
XYZ	53.4638, 77.6193, 106.7719
YIQ	183.5610, -139.5100, -48.7740

Conversions

Conversions Part 2

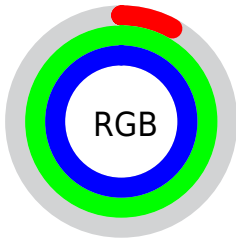
Format	Color
R_{YB}	20, 137, 255
Decimal	1375743
CIE Lab	90.61, -46.77, -14.90
CIE LCh	91, 49.083, 197.667
Yxy	77.6193, 0.2248, 0.3263
Android (android.graphics.Color)	4279565823 (0xFF14FDFF)
YUV	183.5610, 35.2194, -143.4430
Hunter-Lab	88.1018, -45.8570, -10.1832

Details

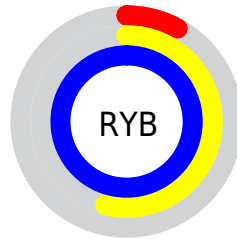
The XYZ color **53.4638, 77.6193, 106.7719** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light washed cyan. A complement of this color would be **41.6545, 21.8862, 2.6931**, and the grayscale version is **45.1940, 47.5476, 51.7793**.

A 20% lighter version of the original color is **62.1222, 83.0251, 107.3590**, and **29.9330, 43.5571, 60.2558** is the 20% darker color. If you saturate the color by 10%, you get **53.1227, 77.3653, 106.7409**, and if you desaturate by 10%, it is **54.3513, 78.1801, 106.8334**.

Distribution



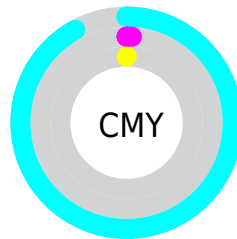
- Red (8%)
- Green (99%)
- Blue (100%)



- Red (8%)
- Yellow (54%)
- Blue (100%)



- Cyan (92%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)



- Cyan (92%)
- Magenta (1%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.4638, 77.6193, 106.7719 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 53.4638, 77.6193, 106.7719 by changing the saturation by 10% instead.


 53.4638, 77.6193,
106.7719


 53.4638, 77.6193,
106.7719


390.2938,
486.8730, 603.1238

 38.4021, 57.7613,
81.3197


 94.4480, 130.0133,
172.5654


 26.4736, 41.6168,
60.2724


 121.1012,
163.3181, 213.7437

 17.3128, 28.8013,
43.2115

 152.3490,
201.8740, 261.0011

 10.5544, 18.9306,
29.7184

 188.5567,
246.0653, 314.7562

 5.8331, 11.6201,
19.3747

230.0897,
296.2765, 375.4275

 2.7836, 6.4856,
11.7618

277.3133,

 1.0404, 3.1425,

352.8919, 443.4334

6.4611

330.5929,
416.2959, 519.1927

■ 0.0000, 1.2066,
3.0542

■ 0.0000, 0.0671,
1.1224

■ 53.4638, 77.6193,
106.7719

■ 53.4638, 77.6193,
106.7719

■ 53.1227, 77.3653,
106.7409

■ 54.3513, 78.1801,
106.8334

■ 55.9155, 79.0882,
106.9262

■ 58.2638, 80.4006,
107.0558

■ 61.4836, 82.1624,
107.2262

65.6506, 84.4127,
107.4409

70.8325, 87.1863,
107.7031

77.0907, 90.5148,
108.0157

84.4816, 94.4273,
108.3814

93.0579, 98.9511,
108.8025

Harmonies

Analogous

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



53.0057, 77.6193, 70.8619



53.4638, 77.6193, 106.7719



58.9719, 77.6193, 145.0956

Triad

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



53.4638, 77.6193, 106.7719



92.6674, 77.6193, 138.8010



78.9405, 77.6193, 34.1258

Complementary

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



53.4638, 77.6193, 106.7719



41.6545, 21.8862, 2.6931

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.



90.8682, 77.6193, 43.6936



53.4638, 77.6193, 106.7719



99.3639, 77.6193, 99.8163

Square

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



53.4638, 77.6193, 106.7719



81.1845, 77.6193, 166.8336



98.6711, 77.6193, 65.5869



66.8303, 77.6193, 35.0244

Rectangle

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



53.4638, 77.6193, 106.7719



65.1512, 77.6193, 163.8843



98.6711, 77.6193, 65.5869



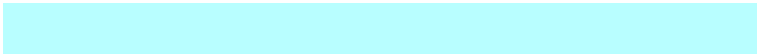
83.1277, 77.6193, 36.0829

Sweetspot

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



53.4659, 77.6221, 106.7724



73.2882, 88.4945, 107.8262



36.1762, 71.7199, 12.6007



15.1394, 18.6499, 23.0518



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.



53.4659, 77.6221, 106.7724



53.1227, 77.3653, 106.7409



27.3598, 25.4100, 98.0703



18.5409, 20.4534, 23.2206



27.7638, 40.4372, 55.7764



2.7074, 3.9455, 5.4321

Inverse Universe

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



59.2212, 28.8541, 95.3796



58.9431, 28.3412, 95.1531



50.3871, 39.3514, 5.6040



18.7857, 18.2976, 22.7544



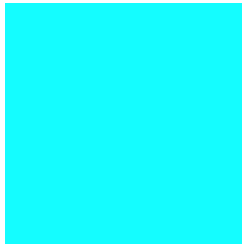
30.8021, 14.8101, 49.7357



3.0012, 1.4428, 4.8535

Previews

White Background



This preview shows how the XYZ color 53.4638, 77.6193, 106.7719 looks on a white background.

Color Contrast Check

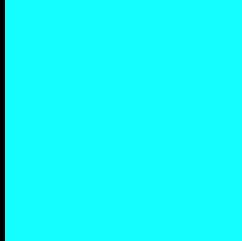
Large Text (above 18pt) WCAG AA × Fail

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 53.4638, 77.6193, 106.7719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

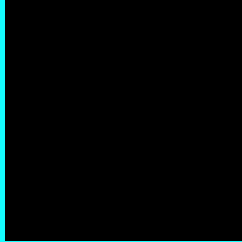
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

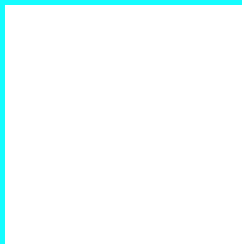
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.4638, 77.6193, 106.7719

Background



This preview shows how black text looks on a background with the XYZ color 53.4638, 77.6193, 106.7719.



This preview shows how white text looks on a background with the XYZ color 53.4638, 77.6193,

Color Blindness Simulation

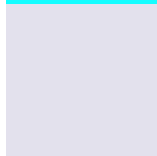
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

53.4638, 77.6193, 106.7719



Protanopia

73.8898, 76.2957, 90.9529



Deuteranopia

76.8044, 76.2855, 105.2843



Tritanopia

62.1966, 77.1138, 106.2141

Trichromacy



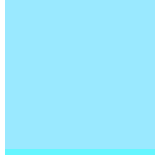
Original Color

53.4638, 77.6193, 106.7719



Protanomaly

58.9864, 72.6237, 96.4968



Deuteranomaly

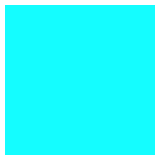
60.5153, 72.3679, 105.3866



Tritanomaly

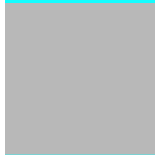
56.4853, 75.9563, 106.2917

Monochromacy



Original Color

53.4638, 77.6193, 106.7719



Achromatopsia

45.5594, 47.9320, 52.1980



Achromatomaly

42.7455, 54.5392, 69.2470

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4638, 77.6193, 106.7719 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(20, 253, 255)` looks like.

```
.text, #text, p{  
    color:rgb(20, 253, 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(20, 253, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 253, 255) }
```

Border

The CSS property to change the border of an element to XYZ 53.4638, 77.6193, 106.7719 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(20, 253, 255) }
```


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

```
.border{ border-color:rgb(20, 253, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 253, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 253, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 253, 255);  
box-shadow:4px 4px 4px 4px rgb(20, 253,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4638, 77.6193, 106.7719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 253, 255) }
```

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

```
.background{ background-color: rgb(20, 253,  
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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