

Converting Colors

XYZ(53.8739, 79.6914, 95.2985)

Have a look what the booklet for
XYZ(53.8739, 79.6914, 95.2985)
contains.

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Color

**XYZ(53.3517, 78.7719,
94.8307)**

Conversions

Conversions Part 1

Format	Color
Hex	3CFFF0
RGB	60, 255, 240
RGB Percent	24%, 100%, 94%
CMY	0.7646, 0.0000, 0.0588
CMYK	0.76, 0.00, 0.06, 0.00
HSL	175°, 100%, 62%
HSV	175°, 76%, 100%
XYZ	53.3517, 78.7719, 94.8307
YIQ	194.9850, -111.4050, -46.0050

Conversions

Conversions Part 2

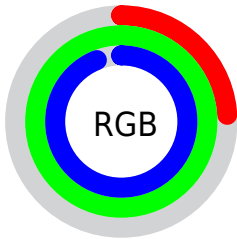
Format	Color
RYB	60, 161, 255
Decimal	3997680
CIELab	91.13, -49.32, -6.29
CIELCh	91, 49.719, 187.266
Yxy	78.7719, 0.2351, 0.3471
Android (android.graphics.Color)	4282187760 (0xFF3CFFF0)
YUV	194.9850, 22.1924, -118.3818
Hunter-Lab	88.7535, -48.0184, -1.2223

Details

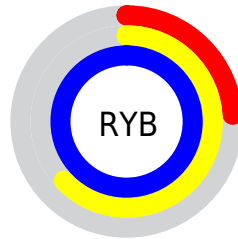
The XYZ color **53.3517, 78.7719, 94.8307** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light washed cyan. A complement of this color would be **44.1271, 25.0014, 9.1589**, and the grayscale version is **51.7846, 54.4814, 59.3302**.

A 20% lighter version of the original color is **64.2912, 84.1433, 107.4605**, and **28.6180, 43.3932, 52.2148** is the 20% darker color. If you saturate the color by 10%, you get **51.8753, 78.0443, 93.2500**, and if you desaturate by 10%, it is **55.5747, 79.8841, 96.4656**.

Distribution



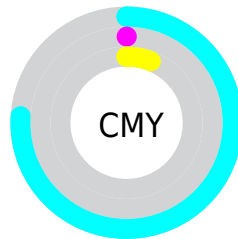
- Red (24%)
- Green (100%)
- Blue (94%)



- Red (24%)
- Yellow (63%)
- Blue (100%)



- Cyan (76%)
- Magenta (0%)
- Yellow (6%)
- Black (0%)





- Cyan (76%)
- Magenta (0%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.3517, 78.7719, 94.8307 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 53.3517, 78.7719, 94.8307 by changing the saturation by 10% instead.


 53.3517, 78.7719,
94.8307


 53.3517, 78.7719,
94.8307


389.8718,
490.7843, 564.5933


 38.3122, 58.7083,
71.3980


 94.2842, 131.6377,
156.0243


 26.4034, 42.3783,
52.1832


 120.9079,
165.2087, 194.6222

 17.2599, 29.3977,
36.7679


 152.1237,
204.0509, 239.1122

 10.5164, 19.3818,
24.7334

 188.2969,
248.5487, 289.9129

 5.8076, 11.9465,
15.6614

229.7930,
299.0866, 347.4428

 2.7680, 6.7073,
9.1331

276.9773,

 1.0323, 3.2797,

356.0489, 412.1205

4.7301

330.2151,
419.8200, 484.3645

■ 0.0000, 1.2794,
2.0338

■ 0.0000, 0.1252,
0.5760

■ 53.3517, 78.7719,
94.8307

■ 53.3517, 78.7719,
94.8307

■ 51.8753, 78.0443,
93.2500

■ 55.5747, 79.8841,
96.4656

■ 51.0246, 77.6389,
91.7136

■ 58.6351, 81.4275,
98.1548

■ 50.8112, 77.5405,
91.1785

■ 62.6142, 83.4443,
99.9035

■ 67.5829, 85.9708,
101.7151

■ 73.6051, 89.0400,
103.5926

■ 80.7392, 92.6821,
105.5389

■ 89.0394, 96.9250,
107.5565

■ 95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



54.7070, 78.7719, 61.6910



53.3517, 78.7719, 94.8307



57.2261, 78.7719, 134.9147

Triad

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



53.3517, 78.7719, 94.8307



90.4895, 78.7719, 153.5399



84.6105, 78.7719, 36.4360

Complementary

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



53.3517, 78.7719, 94.8307



44.1271, 25.0014, 9.1589

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.



95.8129, 78.7719, 50.2949



53.3517, 78.7719, 94.8307



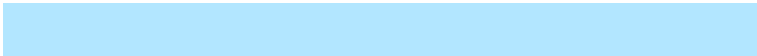
99.4636, 78.7719, 115.4160

Square

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



53.3517, 78.7719, 94.8307



77.9709, 78.7719, 174.4515



101.5134, 78.7719, 77.3042



71.8531, 78.7719, 33.7769

Rectangle

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



53.3517, 78.7719, 94.8307



62.5398, 78.7719, 158.2183



101.5134, 78.7719, 77.3042



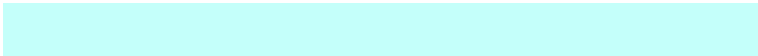
88.7236, 78.7719, 39.7041

Sweetspot

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



53.3528, 78.7725, 94.8322



75.9482, 90.2356, 104.2591



39.5775, 73.3937, 16.3575



15.7338, 19.0476, 22.1670



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.



53.3528, 78.7725, 94.8322



51.3361, 77.7847, 92.3944



35.0033, 38.3591, 100.1669



18.4910, 20.4559, 22.8886



26.5753, 40.5267, 47.7764



2.6048, 3.9528, 4.7425

Inverse Universe

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



44.1271, 25.0014, 9.1589



41.8544, 21.9174, 3.8961



51.6190, 40.7125, 9.4147



18.0661, 18.0097, 18.9650



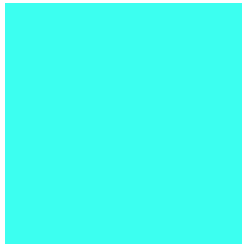
21.6330, 11.1425, 1.4517



2.1250, 1.0924, 0.2397

Previews

White Background



This preview shows how the XYZ color 53.3517, 78.7719, 94.8307 looks on a white background.

Color Contrast Check

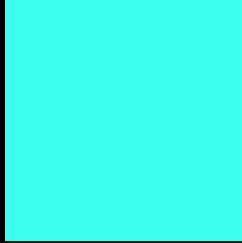
Large Text (above 18pt) WCAG AA × Fail

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 53.3517, 78.7719, 94.8307 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

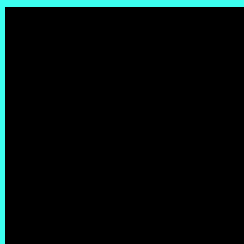
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

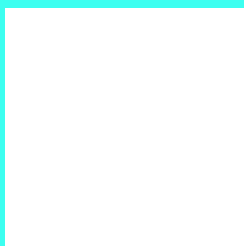
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.3517, 78.7719, 94.8307

Background



This preview shows how black text looks on a background with the XYZ color 53.3517, 78.7719, 94.8307.



This preview shows how white text looks on a background with the XYZ color 53.3517, 78.7719,

Color Blindness Simulation

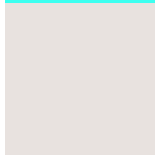
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



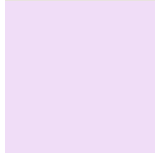
Original Color

53.3517, 78.7719, 94.8307



Protanopia

73.7944, 76.8762, 80.7613



Deuteranopia

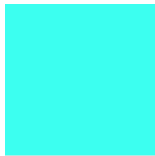
78.5801, 76.9536, 98.7076



Tritanopia

64.1002, 78.0952, 106.3032

Trichromacy



Original Color

53.3517, 78.7719, 94.8307



Protanomaly

60.7892, 74.6605, 85.3357



Deuteranomaly

63.1472, 73.9234, 96.5284



Tritanomaly

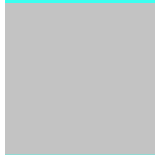
58.6845, 77.6346, 102.3345

Monochromacy



Original Color

53.3517, 78.7719, 94.8307



Achromatopsia

51.8711, 54.5724, 59.4294



Achromatomaly

48.4248, 60.4398, 70.7418

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3517, 78.7719, 94.8307 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(60, 255, 240)` looks like.

```
.text, #text, p{  
    color:rgb(60, 255, 240)  
}
```

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(60, 255, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 255, 240) }
```

Border

The CSS property to change the border of an element to XYZ 53.3517, 78.7719, 94.8307 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(60, 255, 240) }
```


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

```
.border{ border-color:rgb(60, 255, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 255, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 255, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 255, 240);  
box-shadow:4px 4px 4px 4px rgb(60, 255,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3517, 78.7719, 94.8307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 255, 240) }
```

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

```
.background{ background-color: rgb(60, 255,  
240) }
```

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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