

Converting Colors

XYZ(53.6916, 78.8504, 99.2213)

Have a look what the booklet for
XYZ(53.6916, 78.8504, 99.2213)
contains.

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Color

**XYZ(53.7598, 78.8776,
99.5802)**

Conversions

Conversions Part 1

Format	Color
Hex	33FFF6
RGB	51, 255, 246
RGB Percent	20%, 100%, 96%
CMY	0.7999, 0.0000, 0.0353
CMYK	0.80, 0.00, 0.04, 0.00
HSL	177°, 100%, 60%
HSV	177°, 80%, 100%
XYZ	53.7598, 78.8776, 99.5802
YIQ	192.9780, -118.6950, -46.0470

Conversions

Conversions Part 2

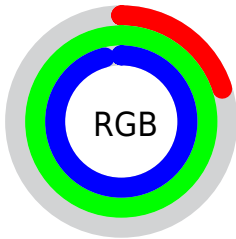
Format	Color
RYB	51, 155, 255
Decimal	3407862
CIELab	91.18, -48.48, -9.34
CIELCh	91, 49.369, 190.908
Yxy	78.8776, 0.2315, 0.3397
Android (android.graphics.Color)	4281597942 (0xFF33FFF6)
YUV	192.9780, 26.1398, -124.5147
Hunter-Lab	88.8131, -47.3743, -4.3088

Details

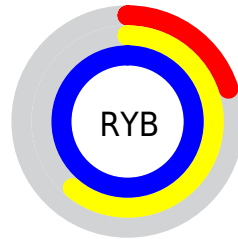
The XYZ color **53.7598, 78.8776, 99.5802** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light washed cyan. A complement of this color would be **43.2407, 23.9556, 6.6221**, and the grayscale version is **50.5796, 53.2137, 57.9497**.

A 20% lighter version of the original color is **63.6415, 83.8083, 107.4301**, and **29.2605, 43.6502, 55.5983** is the 20% darker color. If you saturate the color by 10%, you get **52.6364, 78.3184, 98.6304**, and if you desaturate by 10%, it is **55.5899, 79.8010, 100.5714**.

Distribution



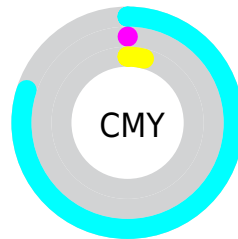
- Red (20%)
- Green (100%)
- Blue (96%)



- Red (20%)
- Yellow (61%)
- Blue (100%)



- Cyan (80%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)





- Cyan (80%)
- Magenta (0%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.7598, 78.8776, 99.5802 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 53.7598, 78.8776, 99.5802 by changing the saturation by 10% instead.


 53.7598, 78.8776,
99.5802


 53.7598, 78.8776,
99.5802


391.4067,
491.1422, 580.0811

 38.6396, 58.7952,
75.3351


 94.8804, 131.7865,
162.6270


 26.6589, 42.4483,
55.3840


 121.6115,
165.3818, 202.2658

 17.4525, 29.4525,
39.3086


 152.9437,
204.2502, 247.8728

 10.6549, 19.4234,
26.6902

 189.2421,
248.7761, 299.8666

 5.9009, 11.9766,
17.1103

230.8723,
299.3438, 358.6659

 2.8250, 6.7277,
10.1504

278.1996,

 1.0619, 3.2924,

356.3378, 424.6890

5.3919

331.5892,
420.1425, 498.3545

■ 0.0000, 1.2862,
2.4162

■ 0.0000, 0.1305,
0.7953

■ 53.7598, 78.8776,
99.5802

■ 53.7598, 78.8776,
99.5802

■ 52.6364, 78.3184,
98.6304

■ 55.5899, 79.8010,
100.5714

■ 52.0517, 78.0367,
97.7098

■ 58.2239, 81.1388,
101.6043

■ 52.0514, 78.0365,
97.7092

■ 61.7474, 82.9350,
102.6843

■ 66.2343, 85.2277,
103.8148

71.7507, 88.0510,
104.9990

78.3567, 91.4359,
106.2397

86.1082, 95.4112,
107.5396

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.



54.4741, 78.8776, 65.2798



53.7598, 78.8776, 99.5802



58.2336, 78.8776, 139.3071

Triad

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



53.7598, 78.8776, 99.5802



91.8374, 78.8776, 149.1177



83.1102, 78.8776, 35.8761

Complementary

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



53.7598, 78.8776, 99.5802



43.2407, 23.9556, 6.6221

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.



94.6421, 78.8776, 48.2340



53.7598, 78.8776, 99.5802



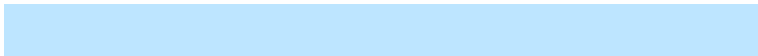
100.0549, 78.8776, 110.4236

Square

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



53.7598, 78.8776, 99.5802



79.6118, 78.8776, 172.7575



101.1348, 78.8776, 73.5055



70.5138, 78.8776, 34.4741

Rectangle

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



53.7598, 78.8776, 99.5802



63.8814, 78.8776, 161.1707



101.1348, 78.8776, 73.5055



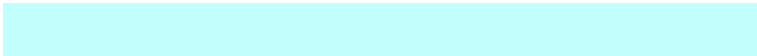
87.2746, 78.8776, 38.6832

Sweetspot

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



53.7610, 78.8782, 99.5817



75.5752, 90.0102, 105.7356



38.2958, 72.7582, 15.1594



15.6793, 19.0113, 22.5375



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.



53.7610, 78.8782, 99.5817



52.2474, 78.1297, 98.0750



32.5503, 34.1926, 99.4920



18.5182, 20.4668, 23.0318



27.2132, 40.7819, 51.1354



2.6600, 3.9749, 5.0331

Inverse Universe

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



43.2407, 23.9556, 6.6221



41.4861, 21.5356, 2.6796



51.6319, 41.0871, 8.3433



18.0418, 18.0001, 18.8375



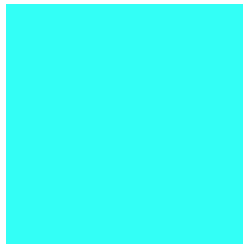
21.5950, 11.1273, 1.2519



2.1135, 1.0878, 0.1793

Previews

White Background



This preview shows how the XYZ color 53.7598, 78.8776, 99.5802 looks on a white background.

Color Contrast Check

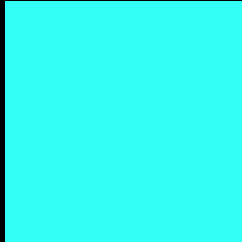
Large Text (above 18pt) WCAG AA × Fail

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 53.7598, 78.8776, 99.5802 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 53.7598, 78.8776, 99.5802

Background



This preview shows how black text looks on a background with the XYZ color 53.7598, 78.8776, 99.5802.



This preview shows how white text looks on a background with the XYZ color 53.7598, 78.8776,

Color Blindness Simulation

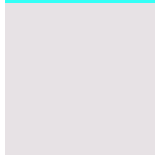
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



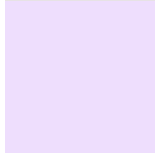
Original Color

53.7598, 78.8776, 99.5802



Protanopia

74.2942, 77.0388, 85.0830



Deuteranopia

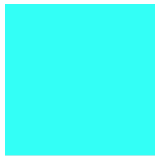
79.1108, 77.5115, 103.7201



Tritanopia

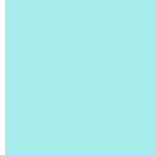
63.9027, 77.9934, 106.2939

Trichromacy



Original Color

53.7598, 78.8776, 99.5802



Protanomaly

61.0055, 74.6735, 89.7954



Deuteranomaly

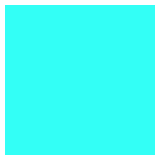
63.2557, 74.2938, 101.4487



Tritanomaly

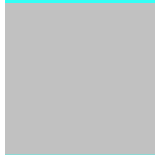
58.4392, 77.4717, 103.9689

Monochromacy



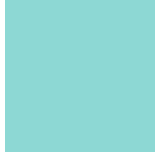
Original Color

53.7598, 78.8776, 99.5802



Achromatopsia

50.6879, 53.3276, 58.0738



Achromatomaly

47.4240, 59.5279, 71.2779

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7598, 78.8776, 99.5802 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(51, 255, 246)` looks like.

```
.text, #text, p{  
    color:rgb(51, 255, 246)  
}
```

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(51, 255, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 255, 246) }
```

Border

The CSS property to change the border of an element to XYZ 53.7598, 78.8776, 99.5802 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(51, 255, 246) }
```


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

```
.border{ border-color:rgb(51, 255, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 255, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 255, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 255, 246);  
box-shadow:4px 4px 4px 4px rgb(51, 255,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7598, 78.8776, 99.5802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 255, 246) }
```

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

```
.background{ background-color: rgb(51, 255,  
246) }
```

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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