

Converting Colors

XYZ(53.6194, 78.8215, 98.8409)

Have a look what the booklet for
XYZ(53.6194, 78.8215, 98.8409)
contains.

XYZ(53.6067, 78.8164, 98.7739)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(53.6067, 78.8164,
98.7739)**

Conversions

Conversions Part 1

Format	Color
Hex	33FFF5
RGB	51, 255, 245
RGB Percent	20%, 100%, 96%
CMY	0.7999, 0.0000, 0.0392
CMYK	0.80, 0.00, 0.04, 0.00
HSL	177°, 100%, 60%
HSV	177°, 80%, 100%
XYZ	53.6067, 78.8164, 98.7739
YIQ	192.8640, -118.3740, -46.3580

Conversions

Conversions Part 2

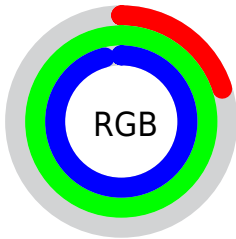
Format	Color
RYB	51, 156, 255
Decimal	3407861
CIELab	91.15, -48.75, -8.86
CIELCh	91, 49.550, 190.306
Yxy	78.8164, 0.2319, 0.3409
Android (android.graphics.Color)	4281597941 (0xFF33FFF5)
YUV	192.8640, 25.7030, -124.4147
Hunter-Lab	88.7786, -47.5799, -3.8203

Details

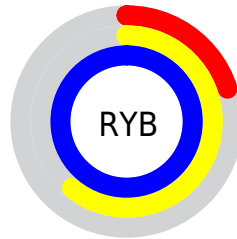
The XYZ color **53.6067, 78.8164, 98.7739** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light washed cyan. A complement of this color would be **43.2673, 23.9663, 6.7626**, and the grayscale version is **50.5150, 53.1458, 57.8757**.

A 20% lighter version of the original color is **63.6415, 83.8083, 107.4301**, and **29.1516, 43.6066, 55.0246** is the 20% darker color. If you saturate the color by 10%, you get **52.4653, 78.2499, 97.7291**, and if you desaturate by 10%, it is **55.4550, 79.7471, 99.8614**.

Distribution



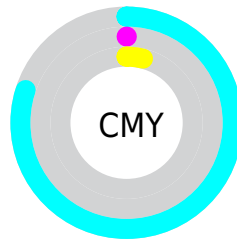
- Red (20%)
- Green (100%)
- Blue (96%)



- 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 53.6067, 78.8164, 98.7739 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 53.6067, 78.8164, 98.7739 by changing the saturation by 10% instead.


 53.6067, 78.8164,
98.7739


 53.6067, 78.8164,
98.7739


390.8313,
490.9350, 577.4676


 38.5167, 58.7449,
74.6658


 94.6568, 131.7004,
161.5084

 26.5630, 42.4078,
54.8391


 121.3477,
165.2816, 200.9718

 17.3802, 29.4207,
38.8752


 152.6362,
204.1348, 246.3908

 10.6029, 19.3993,
26.3555

 188.8877,
248.6444, 298.1838

 5.8658, 11.9592,
16.8617

230.4677,
299.1949, 356.7695

 2.8035, 6.7159,
9.9750

277.7413,

 1.0507, 3.2851,

356.1705, 422.5663

5.2770

331.0741,
419.9558, 495.9928

■ 0.0000, 1.2823,
2.3491

■ 0.0000, 0.1274,
0.7585

■ 53.6067, 78.8164,
98.7739

■ 53.6067, 78.8164,
98.7739

■ 52.4653, 78.2499,
97.7291

■ 55.4550, 79.7471,
99.8614

■ 51.8628, 77.9611,
96.7148

■ 58.1075, 81.0922,
100.9918

■ 51.8624, 77.9610,
96.7141

■ 61.6498, 82.8959,
102.1706

■ 66.1557, 85.1962,
103.4013

■ 71.6913, 88.0272,
104.6870

■ 78.3169, 91.4200,
106.0304

■ 86.0881, 95.4031,
107.4343

■ 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.



54.4279, 78.8164, 64.5877



53.6067, 78.8164, 98.7739



57.9891, 78.8164, 138.6830

Triad

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



53.6067, 78.8164, 98.7739



91.6166, 78.8164, 149.9809



83.3351, 78.8164, 35.8404

Complementary

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



53.6067, 78.8164, 98.7739



43.2673, 23.9663, 6.7626

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.



94.8447, 78.8164, 48.4517



53.6067, 78.8164, 98.7739



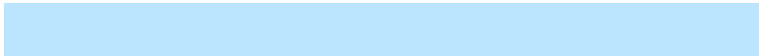
99.9832, 78.8164, 111.2540

Square

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



53.6067, 78.8164, 98.7739



79.3096, 78.8164, 173.2592



101.2263, 78.8164, 74.0470



70.6812, 78.8164, 34.2309

Rectangle

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



53.6067, 78.8164, 98.7739



63.5925, 78.8164, 160.8626



101.2263, 78.8164, 74.0470



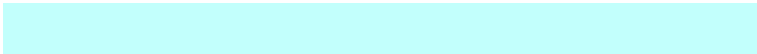
87.5022, 78.8164, 38.7240

Sweetspot

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



53.6078, 78.8169, 98.7754



75.5276, 89.9912, 105.4850



38.2958, 72.7582, 15.1593



15.6676, 19.0066, 22.4760



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.



53.6078, 78.8169, 98.7754



52.0655, 78.0570, 97.1172



32.5503, 34.1926, 99.4920



18.5141, 20.4652, 23.0104



27.1160, 40.7430, 50.6237



2.6516, 3.9716, 4.9890

Inverse Universe

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



43.2673, 23.9663, 6.7626



41.4975, 21.5401, 2.7397



51.6318, 41.0870, 8.3433



18.0455, 18.0015, 18.8565



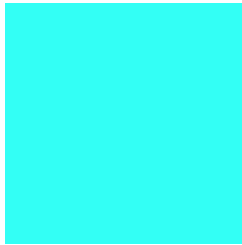
21.6001, 11.1294, 1.2789



2.1152, 1.0885, 0.1883

Previews

White Background



This preview shows how the XYZ color 53.6067, 78.8164, 98.7739 looks on a white background.

Color Contrast Check

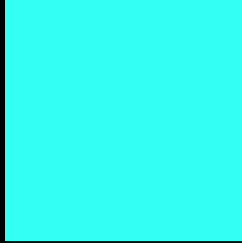
Large Text (above 18pt) WCAG AA × Fail

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 53.6067, 78.8164, 98.7739 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 53.6067, 78.8164, 98.7739

Background



This preview shows how black text looks on a background with the XYZ color 53.6067, 78.8164, 98.7739.

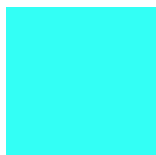


This preview shows how white text looks on a background with the XYZ color 53.6067, 78.8164,

Color Blindness Simulation

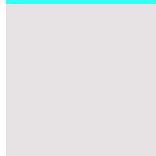
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



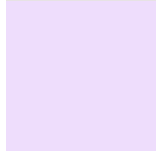
Original Color

53.6067, 78.8164, 98.7739



Protanopia

74.1549, 76.9831, 84.3496



Deuteranopia

78.6870, 76.9183, 102.7949



Tritanopia

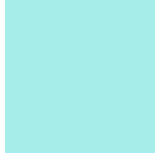
63.9027, 77.9934, 106.2939

Trichromacy



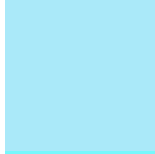
Original Color

53.6067, 78.8164, 98.7739



Protanomaly

60.8614, 74.6159, 89.0365



Deuteranomaly

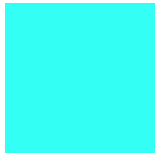
62.8154, 73.6634, 100.5303



Tritanomaly

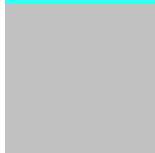
58.2811, 77.4085, 103.1364

Monochromacy



Original Color

53.6067, 78.8164, 98.7739



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 53.6067, 78.8164, 98.7739 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, 245)` looks like.

```
.text, #text, p{  
    color:rgb(51, 255, 245)  
}
```

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, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 255, 245) }
```

Border

The CSS property to change the border of an element to XYZ 53.6067, 78.8164, 98.7739 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, 245) }
```


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

```
.border{ border-color:rgb(51, 255, 245) }
```

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, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 255, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 255, 245);  
box-shadow:4px 4px 4px 4px rgb(51, 255,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6067, 78.8164, 98.7739 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, 245) }
```

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

```
.background{ background-color: rgb(51, 255,  
245) }
```

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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