

Converting Colors

XYZ(35.2557, 50.0383, 57.6817)

Have a look what the booklet for
XYZ(35.2557, 50.0383, 57.6817)
contains.

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Color

**XYZ(35.3945, 50.2704,
57.7068)**

Conversions

Conversions Part 1

Format	Color
Hex	53CFC0
RGB	83, 207, 192
RGB Percent	33%, 81%, 75%
CMY	0.6745, 0.1882, 0.2471
CMYK	0.60, 0.00, 0.07, 0.19
HSL	173°, 56%, 57%
HSV	173°, 60%, 81%
XYZ	35.3945, 50.2704, 57.7068
YIQ	168.2140, -69.0890, -30.9530

Conversions

Conversions Part 2

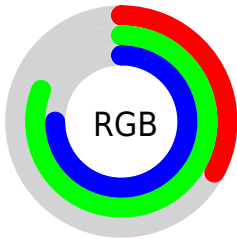
Format	Color
RYB	83, 149, 207
Decimal	5492672
CIELab	76.23, -37.84, -2.83
CIElCh	76, 37.946, 184.272
Yxy	50.2704, 0.2469, 0.3506
Android (android.graphics.Color)	4283682752 (0xFF53CFC0)
YUV	168.2140, 11.7265, -74.7327
Hunter-Lab	70.9016, -34.9696, 1.3750

Details

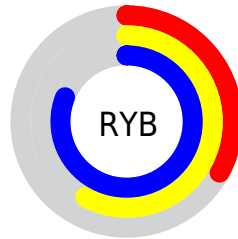
The XYZ color **35.3945, 50.2704, 57.7068** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **31.0317, 20.3352, 13.8466**, and the grayscale version is **37.2944, 39.2366, 42.7287**.

A 20% lighter version of the original color is **64.2049, 84.2266, 101.6803**, and **15.8884, 24.3206, 28.2830** is the 20% darker color. If you saturate the color by 10%, you get **33.5588, 49.3570, 56.1856**, and if you desaturate by 10%, it is **37.7830, 51.4706, 59.2808**.

Distribution



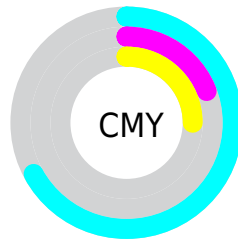
- Red (33%)
- Green (81%)
- Blue (75%)



- Red (33%)
- Yellow (58%)
- Blue (81%)



- Cyan (60%)
- Magenta (0%)
- Yellow (7%)
- Black (19%)





- Cyan (67%)
- Magenta (19%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.3945, 50.2704, 57.7068 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 35.3945, 50.2704, 57.7068 by changing the saturation by 10% instead.


 35.3945, 50.2704,
57.7068


 35.3945, 50.2704,
57.7068


317.7838,
387.7224, 433.6602


 24.1349, 35.6283,
41.1598


 67.4265, 90.5754,
103.0063

 15.5590, 24.1473,
28.1234


 88.9295, 117.0071,
132.5960

 9.3015, 15.4429,
18.1788


 114.5777,
148.1374, 167.3703

 4.9970, 9.1308,
10.9077

 144.7364,
184.3507, 207.7477

 2.2803, 4.8266,
5.8914

179.7711,
226.0315, 254.1469

 0.7845, 2.1459,
2.7114

220.0469,

 0.0000, 0.6902,

273.5641, 306.9864

0.9492

265.9294,
327.3330, 366.6846

■ 0.0000, 0.0000,
0.0000

■ 35.3945, 50.2704,
57.7068

■ 35.3945, 50.2704,
57.7068

■ 33.5588, 49.3570,
56.1856

■ 37.7830, 51.4706,
59.2808

■ 32.2212, 48.6988,
54.7111

■ 40.7638, 52.9744,
60.9061

■ 31.3239, 48.2669,
53.2816

■ 44.3781, 54.8041,
62.5860

■ 30.7580, 48.0053,
51.8920

■ 48.6619, 56.9785,
64.3222

■ 30.7529, 48.0030,
51.8785

■ 53.6487, 59.5148,
66.1165

■ 59.3696, 62.4289,
67.9703

■ 65.8539, 65.7360,
69.8852

■ 73.1292, 69.4503,
71.8627

■ 75.7605, 70.7700,
73.6484

Harmonies

Analogous

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



36.4848, 50.2704, 39.4278



35.3945, 50.2704, 57.7068



37.3428, 50.2704, 79.8980

Triad

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



35.3945, 50.2704, 57.7068



55.9063, 50.2704, 93.9198



53.9691, 50.2704, 26.4818

Complementary

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



35.3945, 50.2704, 57.7068



31.0317, 20.3352, 13.8466

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.



60.0017, 50.2704, 35.5034



35.3945, 50.2704, 57.7068



61.1957, 50.2704, 73.5678

Square

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



35.3945, 50.2704, 57.7068



48.8069, 50.2704, 103.8448



62.7637, 50.2704, 51.8688



46.7686, 50.2704, 24.2225

Rectangle

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



35.3945, 50.2704, 57.7068



40.2284, 50.2704, 93.1035



62.7637, 50.2704, 51.8688



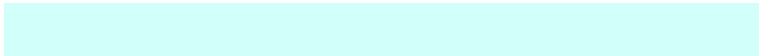
56.2232, 50.2704, 28.6913

Sweetspot

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



35.3960, 50.2723, 57.7080



79.2515, 91.9574, 103.5609



29.0798, 47.9350, 15.9044



16.4938, 19.4442, 21.9879



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.



35.3960, 50.2723, 57.7080



53.0656, 78.7458, 89.3341



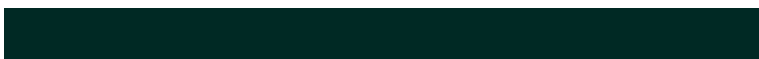
27.6696, 32.0224, 63.7562



12.0942, 13.3814, 14.8526



19.3985, 30.2523, 32.8082



1.1024, 1.6986, 1.9279

Inverse Universe

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



31.0317, 20.3352, 13.8466



45.5218, 26.6187, 13.2375



35.0754, 29.4520, 12.0208



11.8661, 11.8312, 12.5707



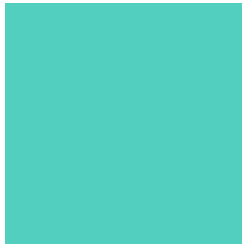
16.3419, 8.4096, 1.4407



0.9335, 0.4781, 0.1848

Previews

White Background



This preview shows how the XYZ color 35.3945, 50.2704, 57.7068 looks on a white background.

Color Contrast Check

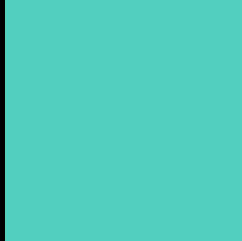
Large Text (above 18pt) WCAG AA × Fail

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 35.3945, 50.2704, 57.7068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

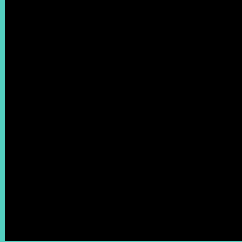
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

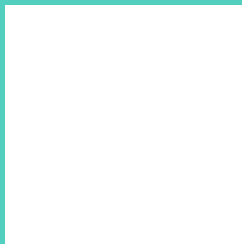
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.3945, 50.2704, 57.7068

Background



This preview shows how black text looks on a background with the XYZ color 35.3945, 50.2704, 57.7068.

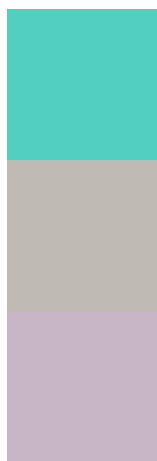


This preview shows how white text looks on a background with the XYZ color 35.3945, 50.2704,

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

35.3945, 50.2704, 57.7068

Protanopia

47.5354, 49.6196, 50.2522

Deuteranopia

50.5363, 49.4043, 60.2985



Tritanopia

38.7582, 50.2060, 74.6658

Trichromacy



Original Color

35.3945, 50.2704, 57.7068



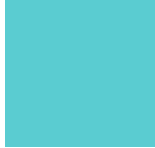
Protanomaly

40.8924, 48.7197, 52.5960



Deuteranomaly

42.2819, 47.9805, 59.2572



Tritanomaly

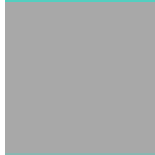
37.3179, 49.9628, 67.9985

Monochromacy



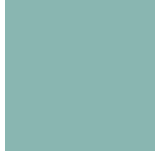
Original Color

35.3945, 50.2704, 57.7068



Achromatopsia

37.2190, 39.1572, 42.6422



Achromatomaly

34.9803, 41.9486, 47.8482

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3945, 50.2704, 57.7068 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(83, 207, 192)` looks like.

```
.text, #text, p{  
    color:rgb(83, 207, 192)  
}
```

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(83, 207, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 207, 192) }
```

Border

The CSS property to change the border of an element to XYZ 35.3945, 50.2704, 57.7068 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(83, 207, 192) }
```


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

```
.border{ border-color:rgb(83, 207, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 207, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 207, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 207, 192);  
box-shadow:4px 4px 4px 4px rgb(83, 207,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3945, 50.2704, 57.7068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 207, 192) }
```

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

```
.background{ background-color: rgb(83, 207,  
192) }
```

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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