

Converting Colors

XYZ(35.8055, 50.0586, 60.5985)

Have a look what the booklet for
XYZ(35.8055, 50.0586, 60.5985)
contains.

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Color

**XYZ(35.8055, 50.0586,
60.5985)**

Conversions

Conversions Part 1

Format	Color
Hex	54CEC5
RGB	84, 206, 197
RGB Percent	33%, 81%, 77%
CMY	0.6706, 0.1921, 0.2274
CMYK	0.59, 0.00, 0.04, 0.19
HSL	176°, 55%, 57%
HSV	176°, 59%, 81%
XYZ	35.8055, 50.0586, 60.5985
YIQ	168.4960, -69.8230, -28.6630

Conversions

Conversions Part 2

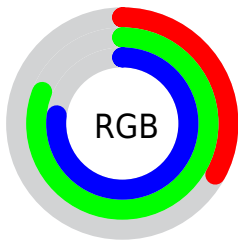
Format	Color
RYB	84, 147, 206
Decimal	5557957
CIELab	76.11, -35.89, -5.71
CIELCh	76, 36.346, 189.038
Yxy	50.0586, 0.2445, 0.3418
Android (android.graphics.Color)	4283748037 (0xFF54CEC5)
YUV	168.4960, 14.0525, -74.1030
Hunter-Lab	70.7521, -33.4827, -1.2548

Details

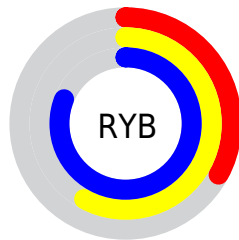
The XYZ color **35.8055, 50.0586, 60.5985** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **30.6014, 20.2543, 12.6542**, and the grayscale version is **37.4223, 39.3712, 42.8753**.

A 20% lighter version of the original color is **65.3264, 84.6955, 106.6707**, and **16.0245, 24.1164, 29.7969** is the 20% darker color. If you saturate the color by 10%, you get **34.0528, 49.1763, 59.6129**, and if you desaturate by 10%, it is **38.1049, 51.2249, 61.6211**.

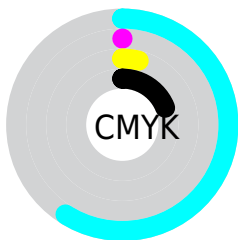
Distribution



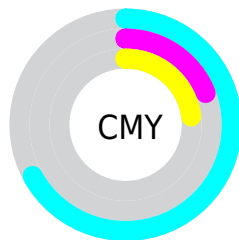
- Red (33%)
- Green (81%)
- Blue (77%)



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



- Cyan (59%)
- Magenta (0%)
- Yellow (4%)
- Black (19%)





- Cyan (67%)
- Magenta (19%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.8055, 50.0586, 60.5985 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 35.8055, 50.0586, 60.5985 by changing the saturation by 10% instead.


 35.8055, 50.0586,
60.5985


 35.8055, 50.0586,
60.5985


319.5557,
386.8951, 444.6661


 24.4534, 35.4600,
43.4728


 68.0576, 90.2617,
107.2492


 15.7969, 24.0174,
29.9221


 89.6883, 116.6349,
137.6113

 9.4705, 15.3465,
19.5279


 115.4760,
147.7018, 173.2226

 5.1089, 9.0630,
11.8717

 145.7859,
183.8468, 214.5017

 2.3467, 4.7823,
6.5349

180.9835,
225.4542, 261.8670

 0.8184, 2.1201,
3.0990

221.4341,

 0.0000, 0.6759,

272.9085, 315.7371

1.1454

267.5031,
326.5939, 376.5306

■ 0.0000, 0.0000,
0.0000

■ 35.8055, 50.0586,
60.5985

■ 35.8055, 50.0586,
60.5985

■ 34.0528, 49.1763,
59.6129

■ 38.1049, 51.2249,
61.6211

■ 32.7935, 48.5469,
58.6584

■ 40.9899, 52.6918,
62.6792

■ 31.9709, 48.1424,
57.7334

■ 44.5006, 54.4810,
63.7758

■ 31.4875, 47.9126,
56.8335

■ 48.6727, 56.6109,
64.9126

■ 31.4544, 47.8971,
56.7640

■ 53.5388, 59.0984,
66.0911

■ 59.1297, 61.9594,
67.3129

■ 65.4741, 65.2086,
68.5792

■ 72.5994, 68.8601,
69.8915

■ 75.0301, 70.0913,
70.9934

Harmonies

Analogous

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



36.3899, 50.0586, 42.1832



35.8055, 50.0586, 60.5985



38.1339, 50.0586, 81.6381

Triad

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



35.8055, 50.0586, 60.5985



56.2934, 50.0586, 89.0477



52.4088, 50.0586, 26.4946

Complementary

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



35.8055, 50.0586, 60.5985



30.6014, 20.2543, 12.6542

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.



58.4680, 50.0586, 34.1684



35.8055, 50.0586, 60.5985



60.8549, 50.0586, 69.0198

Square

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



35.8055, 50.0586, 60.5985



49.6617, 50.0586, 100.4488



61.6865, 50.0586, 48.8349



45.5557, 50.0586, 25.2701

Rectangle

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



35.8055, 50.0586, 60.5985



41.1681, 50.0586, 93.3079



61.6865, 50.0586, 48.8349



54.6236, 50.0586, 28.2997

Sweetspot

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



35.8070, 50.0605, 60.5997



79.5922, 92.0937, 105.3553



28.3063, 47.1731, 16.0021



16.5782, 19.4780, 22.4323



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.



35.8070, 50.0605, 60.5997



54.5533, 79.3631, 96.1654



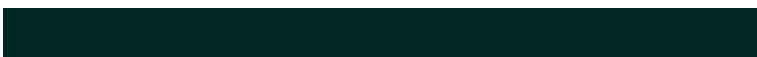
26.5475, 29.8411, 62.7553



11.5062, 12.7122, 14.2228



19.3836, 29.4988, 35.0349



1.0109, 1.5262, 1.8649

Inverse Universe

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



30.6014, 20.2543, 12.6542



45.4184, 26.8441, 11.8707



35.6963, 31.0452, 12.4996



11.2454, 11.2269, 11.8266



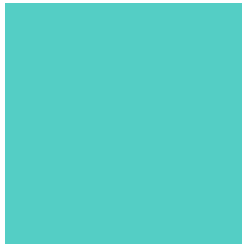
15.7413, 8.1071, 1.0904



0.8240, 0.4230, 0.1193

Previews

White Background



This preview shows how the XYZ color 35.8055, 50.0586, 60.5985 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 35.8055, 50.0586, 60.5985 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

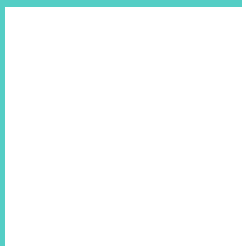
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.8055, 50.0586, 60.5985

Background



This preview shows how black text looks on a background with the XYZ color 35.8055, 50.0586, 60.5985.

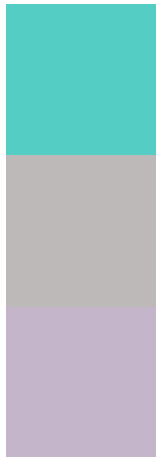


This preview shows how white text looks on a background with the XYZ color 35.8055, 50.0586,

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

35.8055, 50.0586, 60.5985

Protanopia

47.3411, 49.1479, 52.8903

Deuteranopia

50.2105, 49.1823, 62.7239



Tritanopia

38.6563, 50.1535, 74.6610

Trichromacy



Original Color

35.8055, 50.0586, 60.5985



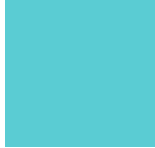
Protanomaly

41.0178, 48.3934, 55.3231



Deuteranomaly

42.5491, 48.0650, 61.6785



Tritanomaly

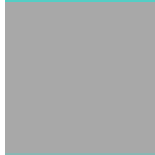
37.5672, 50.0625, 69.3111

Monochromacy



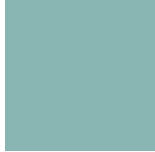
Original Color

35.8055, 50.0586, 60.5985



Achromatopsia

37.2190, 39.1572, 42.6422



Achromatomaly

35.1812, 42.0289, 48.9060

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.8055, 50.0586, 60.5985 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(84, 206, 197)` looks like.

```
.text, #text, p{  
    color:rgb(84, 206, 197)  
}
```

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(84, 206, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 206, 197) }
```

Border

The CSS property to change the border of an element to XYZ 35.8055, 50.0586, 60.5985 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(84, 206, 197) }
```


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

```
.border{ border-color:rgb(84, 206, 197) }
```

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

Here you see how a box with a 4 pixel rgb(84, 206, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 206, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 206, 197);  
box-shadow:4px 4px 4px 4px rgb(84, 206,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 35.8055, 50.0586, 60.5985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 206, 197) }
```

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

```
.background{ background-color: rgb(84, 206,  
197) }
```

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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