

Converting Colors

XYZ(55.9044, 59.0425, 65.5766)

Have a look what the booklet for
XYZ(55.9044, 59.0425, 65.5766)
contains.

XYZ(55.8390, 58.8801, 65.5487)	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(55.8390, 58.8801,
65.5487)**

Conversions

Conversions Part 1

Format	Color
Hex	C8CACC
RGB	200, 202, 204
RGB Percent	78%, 79%, 80%
CMY	0.2157, 0.2078, 0.2000
CMYK	0.02, 0.01, 0.00, 0.20
HSL	210°, 4%, 79%
HSV	210°, 2%, 80%
XYZ	55.8390, 58.8801, 65.5487
YIQ	201.6300, -1.8340, 0.1980

Conversions

Conversions Part 2

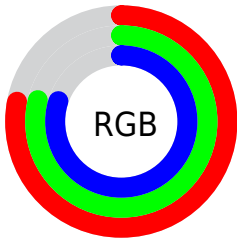
Format	Color
RYB	200, 201, 204
Decimal	13159116
CIELab	81.23, -0.31, -1.24
CIElCh	81, 1.283, 255.938
Yxy	58.8801, 0.3098, 0.3266
Android (android.graphics.Color)	4291349196 (0xFFC8CACC)
YUV	201.6300, 1.1684, -1.4295
Hunter-Lab	76.7334, -4.3887, 3.0655

Details

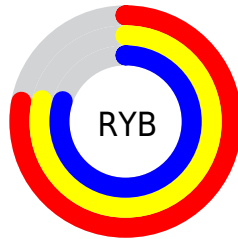
The XYZ color **55.8390, 58.8801, 65.5487** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.4476, 59.2477, 63.1051**, and the grayscale version is **55.9038, 58.8151, 64.0496**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **27.9490, 29.4928, 33.0738** is the 20% darker color. If you saturate the color by 10%, you get **48.4399, 51.6371, 64.5415**, and if you desaturate by 10%, it is **64.1261, 66.8181, 66.6450**.

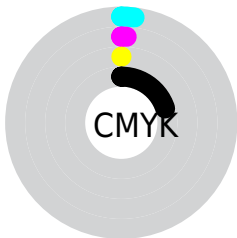
Distribution



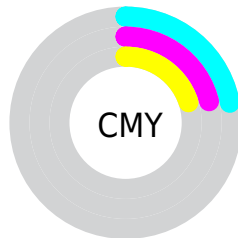
- Red (78%)
- Green (79%)
- Blue (80%)



- Red (78%)
- Yellow (79%)
- Blue (80%)



- Cyan (2%)
- Magenta (1%)
- Yellow (0%)
- Black (20%)



- Cyan (22%)
- Magenta (21%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.8390, 58.8801, 65.5487 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 55.8390, 58.8801, 65.5487 by changing the saturation by 10% instead.

■ 55.8390, 58.8801,
65.5487

■ 55.8390, 58.8801,
65.5487

399.1693,
420.4574, 463.1212

■ 40.3103, 42.5166,
47.4520

97.9103, 103.2034,
114.4592

■ 27.9659, 29.5060,
33.0362

125.1837,
131.9320, 146.1100

■ 18.4403, 19.4639,
21.8828

157.1027,
165.5510, 183.1159

■ 11.3681, 12.0060,
13.5733

194.0326,
204.4450, 225.8955

■ 6.3841, 6.7478,
7.6892

236.3389,
248.9982, 274.8673

■ 3.1229, 3.3049,
3.8118

284.3869,

■ 1.2191, 1.2929,

299.5951, 330.4498

1.5227

338.5419,
356.6200, 393.0616

■ 0.1214, 0.1357,
0.2347

■ 0.0000, 0.0000,
0.0000

■ 55.8390, 58.8801,
65.5487

■ 55.8390, 58.8801,
65.5487

■ 48.4399, 51.6371,
64.5415

■ 64.1261, 66.8181,
66.6450

■ 41.8921, 45.0609,
63.6173

■ 73.3261, 75.4634,
67.8288

■ 36.1637, 39.1320,
62.7748

■ 81.1505, 83.6422,
68.9951

■ 31.2189, 33.8272,
62.0115

■ 84.1090, 89.5592,
69.9813

■ 27.0189, 29.1215,
61.3246

■ 87.2364, 95.8140,
71.0237

■ 23.5213, 24.9881,
60.7111

■ 87.8993, 97.1397,
71.2447

■ 20.6790, 21.3974,
60.1678

■ 18.4385, 18.3163,
59.6912

■ 16.7362, 15.7062,
59.2771

Harmonies

Analogous

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



55.6071, 58.8801, 65.1738



55.8390, 58.8801, 65.5487



56.1050, 58.8801, 65.5360

Triad

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



55.8390, 58.8801, 65.5487



56.4594, 58.8801, 63.7071



55.5953, 58.8801, 63.0923

Complementary

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



55.8390, 58.8801, 65.5487



56.4476, 59.2477, 63.1051

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.



55.8228, 58.8801, 62.7056



55.8390, 58.8801, 65.5487



56.3219, 58.8801, 63.0586

Square

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



55.8390, 58.8801, 65.5487



56.4637, 58.8801, 64.4687



56.0887, 58.8801, 62.6933



55.4668, 58.8801, 63.7535

Rectangle

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



55.8390, 58.8801, 65.5487



56.2659, 58.8801, 65.3094



56.0887, 58.8801, 62.6933



55.6627, 58.8801, 62.9262

Sweetspot

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



55.8407, 58.8826, 65.5500



93.7134, 98.7103, 108.7215



56.0659, 59.7271, 64.4100



20.0726, 21.1417, 23.2728



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.



55.8407, 58.8826, 65.5500



92.3919, 97.4323, 108.5445



55.3890, 57.9792, 65.3994



12.3013, 12.9702, 14.4255



9.9555, 8.9349, 37.1562



0.5895, 0.6128, 1.9421

Inverse Universe

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



56.2180, 58.4112, 64.1917



93.0374, 96.6262, 106.2209



56.9050, 60.1625, 63.2576



12.3809, 12.8707, 14.1390



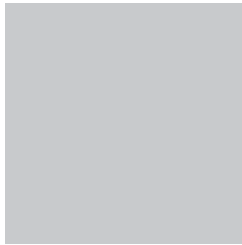
17.2360, 8.7050, 8.9612



0.9275, 0.4644, 0.6641

Previews

White Background



This preview shows how the XYZ color 55.8390, 58.8801, 65.5487 looks on a white background.

Color Contrast Check

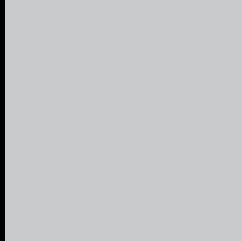
Large Text (above 18pt) WCAG AA × Fail

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 55.8390, 58.8801, 65.5487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

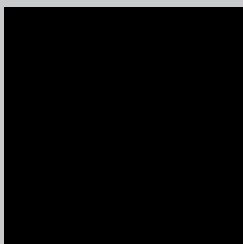
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

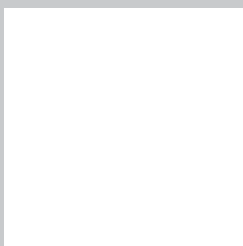
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.8390, 58.8801, 65.5487

Background



This preview shows how black text looks on a background with the XYZ color 55.8390, 58.8801, 65.5487.

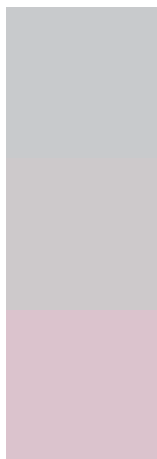


This preview shows how white text looks on a background with the XYZ color 55.8390, 58.8801,

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

55.8390, 58.8801, 65.5487

Protanopia

56.8430, 59.0642, 64.9045

Deuteranopia

59.7480, 58.4981, 65.8998



Tritanopia

57.4061, 58.8230, 73.2941

Trichromacy



Original Color

55.8390, 58.8801, 65.5487

Protanomaly

56.2947, 58.7816, 64.8788

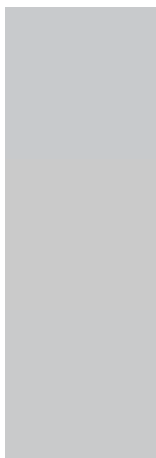
Deuteranomaly

58.3649, 58.7930, 66.0296

Tritanomaly

56.8577, 58.9443, 70.6680

Monochromacy



Original Color

55.8390, 58.8801, 65.5487

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.9874, 58.9704, 64.9315

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.8390, 58.8801, 65.5487 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(200, 202, 204) looks like.

```
.text, #text, p{  
    color:rgb(200, 202, 204)  
}
```

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(200, 202, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 202, 204) }
```

Border

The CSS property to change the border of an element to XYZ 55.8390, 58.8801, 65.5487 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(200, 202, 204) }
```


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

```
.border{ border-color:rgb(200, 202, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 202, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 202, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 202, 204);  
box-shadow:4px 4px 4px 4px rgb(200, 202,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 55.8390, 58.8801, 65.5487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 202, 204) }
```

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

```
.background{ background-color: rgb(200,  
202, 204) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor