

Converting Colors

XYZ(50.7811, 55.9865, 65.8892)

Have a look what the booklet for
XYZ(50.7811, 55.9865, 65.8892)
contains.

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Color

**XYZ(50.7285, 55.8844,
65.8707)**

Conversions

Conversions Part 1

Format	Color
Hex	B4C9CD
RGB	180, 201, 205
RGB Percent	71%, 79%, 80%
CMY	0.2941, 0.2117, 0.1961
CMYK	0.12, 0.02, 0.00, 0.20
HSL	190°, 20%, 75%
HSV	190°, 12%, 80%
XYZ	50.7285, 55.8844, 65.8707
YIQ	195.1770, -13.8000, -3.2080

Conversions

Conversions Part 2

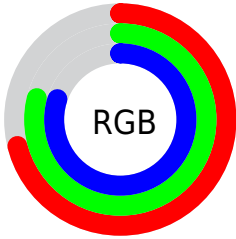
Format	Color
R _Y B	180, 191, 205
Decimal	11848141
CIE Lab	79.55, -6.27, -4.41
CIE LCh	80, 7.664, 215.153
Yxy	55.8844, 0.2941, 0.3240
Android (android.graphics.Color)	4290038221 (0xFFB4C9CD)
YUV	195.1770, 4.8427, -13.3102
Hunter-Lab	74.7559, -9.6947, 0.0861

Details

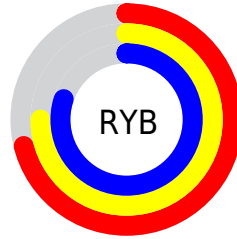
The XYZ color **50.7285, 55.8844, 65.8707** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.5559, 50.5552, 50.2745**, and the grayscale version is **51.9565, 54.6623, 59.5272**.

A 20% lighter version of the original color is **88.4021, 96.5729, 108.5889**, and **24.7720, 27.6138, 33.3025** is the 20% darker color. If you saturate the color by 10%, you get **45.5491, 52.0936, 65.4129**, and if you desaturate by 10%, it is **56.6333, 60.0764, 66.3695**.

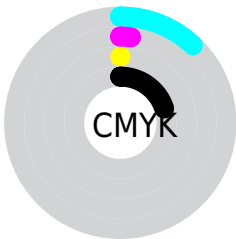
Distribution



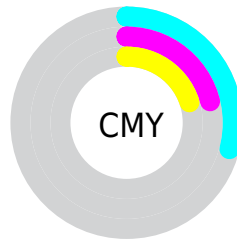
- Red (71%)
- Green (79%)
- Blue (80%)



- Red (71%)
- Yellow (75%)
- Blue (80%)



- Cyan (12%)
- Magenta (2%)
- Yellow (0%)
- Black (20%)



- Cyan (29%)
- Magenta (21%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.7285, 55.8844, 65.8707 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 50.7285, 55.8844, 65.8707 by changing the saturation by 10% instead.

■ 50.7285, 55.8844,
65.8707

■ 50.7285, 55.8844,
65.8707

379.9131,
409.2557, 464.3059

■ 36.2127, 40.1102,
47.7116

■ 90.4387, 98.8355,
114.9260

■ 24.7694, 27.6245,
33.2402

116.3639,
126.7813, 146.6592

■ 16.0332, 18.0428,
22.0379

146.8229,
159.5531, 183.7543

■ 9.6386, 10.9807,
13.6862

182.1811,
197.5352, 226.6298

■ 5.2204, 6.0539,
7.7665

222.8039,
241.1122, 275.7041

■ 2.4133, 2.8779,
3.8603

269.0566,

■ 0.8517, 1.0683,

290.6683, 331.3959

1.5490

321.3045,
346.5880, 394.1236

■ 0.0000, 0.0000,
0.2540

■ 0.0000, 0.0000,
0.0000

■ 50.7285, 55.8844,
65.8707

■ 50.7285, 55.8844,
65.8707

■ 45.5491, 52.0936,
65.4129

■ 56.6333, 60.0764,
66.3695

■ 41.0593, 48.6808,
64.9908

■ 63.2877, 64.6776,
66.9069

■ 37.2274, 45.6312,
64.6041

■ 70.7208, 69.7048,
67.4855

■ 34.0174, 42.9258,
64.2511

■ 76.3352, 73.8191,
67.9837

■ 31.3896, 40.5443,
63.9299

■ 77.1737, 75.4960,
68.2632

■ 29.2999, 38.4635,
63.6384

■ 78.0290, 77.2066,
68.5483

■ 27.6974, 36.6572,
63.3742

■ 78.9011, 78.9509,
68.8390

■ 26.5213, 35.0939,
63.1345

■ 79.7903, 80.7292,
69.1354

■ 25.8151, 33.9989,
62.9603

■ 80.6965, 82.5416,
69.4375

Harmonies

Analogous

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



50.2173, 55.8844, 61.6146



50.7285, 55.8844, 65.8707



51.8801, 55.8844, 68.8854

Triad

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



50.7285, 55.8844, 65.8707



55.8531, 55.8844, 64.4876



52.8505, 55.8844, 52.7758

Complementary

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



50.7285, 55.8844, 65.8707



50.5559, 50.5552, 50.2745

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.



54.3723, 55.8844, 53.4626



50.7285, 55.8844, 65.8707



56.1250, 55.8844, 60.0890

Square

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



50.7285, 55.8844, 65.8707



54.8422, 55.8844, 68.0601



55.5782, 55.8844, 56.0885



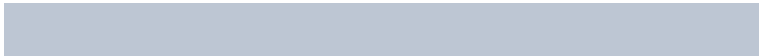
51.4273, 55.8844, 54.1654

Rectangle

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



50.7285, 55.8844, 65.8707



52.8663, 55.8844, 69.7096



55.5782, 55.8844, 56.0885



53.3674, 55.8844, 52.7722

Sweetspot

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



50.7301, 55.8867, 65.8719



90.8784, 97.0804, 108.5563



49.2802, 56.8171, 53.5806



19.2886, 20.6643, 23.2219



0.0000, 0.0000, 0.0000



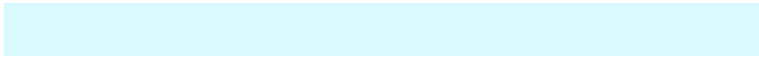
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



50.7301, 55.8867, 65.8719



80.4310, 89.6135, 107.6657



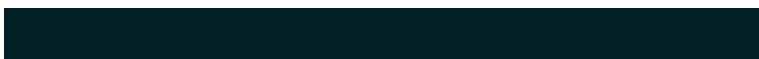
47.9867, 50.3998, 64.9575



11.3846, 12.4097, 14.3656



16.1289, 21.2817, 39.2140



0.8740, 1.1818, 2.0370

Inverse Universe

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



52.0420, 49.8399, 62.1382



83.0693, 77.5893, 100.1262



53.2123, 55.8681, 51.1600



11.6075, 11.3717, 13.7337



20.3520, 9.9514, 25.3701



1.0711, 0.5219, 1.4204

Previews

White Background



This preview shows how the XYZ color 50.7285, 55.8844, 65.8707 looks on a white background.

Color Contrast Check

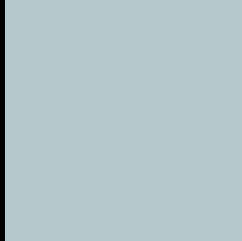
Large Text (above 18pt) WCAG AA × Fail

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 50.7285, 55.8844, 65.8707 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

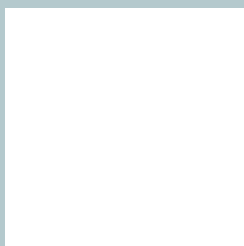
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.7285, 55.8844, 65.8707

Background



This preview shows how black text looks on a background with the XYZ color 50.7285, 55.8844, 65.8707.



This preview shows how white text looks on a background with the XYZ color 50.7285, 55.8844,

65.8707.

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

50.7285, 55.8844, 65.8707

Protanopia

53.9538, 55.8862, 63.8206

Deuteranopia

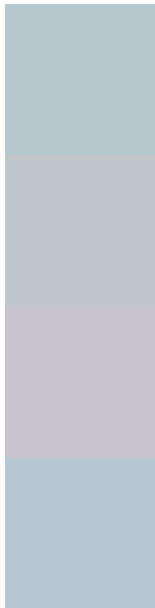
56.7573, 55.6155, 66.7749



Tritanopia

51.9806, 55.6982, 72.3011

Trichromacy



Original Color

50.7285, 55.8844, 65.8707

Protanomaly

52.7118, 55.9064, 64.5127

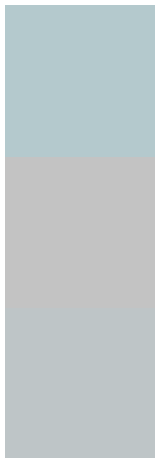
Deuteranomaly

54.4751, 55.7658, 66.2852

Tritanomaly

51.4682, 55.8355, 69.6927

Monochromacy



Original Color

50.7285, 55.8844, 65.8707

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

51.5103, 55.0032, 61.9346

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.7285, 55.8844, 65.8707 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(180, 201, 205)` looks like.

```
.text, #text, p{  
    color:rgb(180, 201, 205)  
}
```

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(180, 201, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 201, 205) }
```

Border

The CSS property to change the border of an element to XYZ 50.7285, 55.8844, 65.8707 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(180, 201, 205) }
```


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

```
.border{ border-color:rgb(180, 201, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 201, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 201, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 201, 205);  
box-shadow:4px 4px 4px 4px rgb(180, 201,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 50.7285, 55.8844, 65.8707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 201, 205) }
```

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

```
.background{ background-color: rgb(180,  
201, 205) }
```

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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