

Converting Colors

XYZ(50.5701, 55.4295, 57.4234)

Have a look what the booklet for
XYZ(50.5701, 55.4295, 57.4234)
contains.

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Color

**XYZ(50.5664, 55.2998,
57.2990)**

Conversions

Conversions Part 1

Format	Color
Hex	BCC7BF
RGB	188, 199, 191
RGB Percent	74%, 78%, 75%
CMY	0.2627, 0.2196, 0.2510
CMYK	0.06, 0.00, 0.04, 0.22
HSL	136°, 9%, 76%
HSV	136°, 6%, 78%
XYZ	50.5664, 55.2998, 57.2990
YIQ	194.7990, -3.9880, -4.8200

Conversions

Conversions Part 2

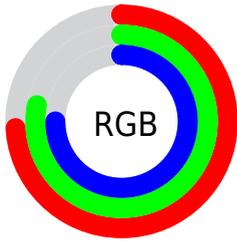
Format	Color
RYB	188, 197, 199
Decimal	12371903
CIELab	79.21, -5.26, 2.69
CIELCh	79, 5.907, 152.894
Yxy	55.2998, 0.3099, 0.3389
Android (android.graphics.Color)	4290561983 (0xFFBCC7BF)
YUV	194.7990, -1.8729, -5.9627
Hunter-Lab	74.3638, -8.7591, 6.3704

Details

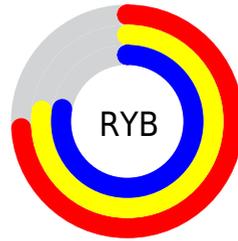
The XYZ color **50.5664, 55.2998, 57.2990** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.5022, 52.0954, 59.5681**, and the grayscale version is **51.7659, 54.4618, 59.3089**.

A 20% lighter version of the original color is **89.8567, 97.4685, 102.0730**, and **24.7045, 27.2367, 27.9999** is the 20% darker color. If you saturate the color by 10%, you get **44.4831, 52.3404, 49.1065**, and if you desaturate by 10%, it is **57.4862, 58.6754, 66.3548**.

Distribution



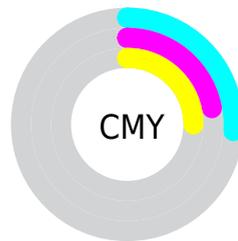
- Red (74%)
- Green (78%)
- Blue (75%)



- Red (74%)
- Yellow (77%)
- Blue (78%)



- Cyan (6%)
- Magenta (0%)
- Yellow (4%)
- Black (22%)



- Cyan (26%)
- Magenta (22%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.5664, 55.2998, 57.2990 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 50.5664, 55.2998, 57.2990 by changing the saturation by 10% instead.

■ 50.5664, 55.2998,
57.2990

■ 50.5664, 55.2998,
57.2990

379.2923,
407.0474, 432.0938

■ 36.0833, 39.6418,
40.8344

■ 90.2003, 97.9801,
102.4060

■ 24.6689, 27.2594,
27.8710

116.0819,
125.7711, 131.8855

■ 15.9580, 17.7681,
17.9902

146.4936,
158.3753, 166.5403

■ 9.5851, 10.7836,
10.7736

181.8008,
196.1771, 206.7890

■ 5.1849, 5.9215,
5.8026

222.3689,
239.5608, 253.0502

■ 2.3920, 2.7974,
2.6586

268.5633,

■ 0.8411, 1.0269,

288.9108, 305.7424

0.9225

320.7493,
344.6115, 365.2841

■ 0.0000, 0.0000,
0.0000

■ 50.5664, 55.2998,
57.2990

■ 50.5664, 55.2998,
57.2990

■ 44.4831, 52.3404,
49.1065

■ 57.4862, 58.6754,
66.3548

■ 39.1998, 49.7741,
41.7484

■ 65.2683, 62.4753,
76.2944

■ 34.6837, 47.5863,
35.1994

■ 73.9429, 66.7161,
87.1422

■ 30.8984, 45.7586,
29.4318

■ 78.7476, 68.9422,
98.6964

■ 27.8040, 44.2712,
24.4162

■ 79.7145, 69.3290,
103.7882

■ 25.3569, 43.1022,
20.1213

■ 23.5085, 42.2272,
16.5135

■ 22.2026, 41.6181,
13.5567

■ 21.3710, 41.2405,
11.2111

Harmonies

Analogous

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



51.3379, 55.2998, 54.9179



50.5664, 55.2998, 57.2990



50.3267, 55.2998, 60.5409

Triad

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



50.5664, 55.2998, 57.2990



52.6755, 55.2998, 66.9393



54.4895, 55.2998, 56.7508

Complementary

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



50.5664, 55.2998, 57.2990



51.5022, 52.0954, 59.5681

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.



54.8601, 55.2998, 59.8845



50.5664, 55.2998, 57.2990



53.8030, 55.2998, 65.8361

Square

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



50.5664, 55.2998, 57.2990



51.5335, 55.2998, 66.1850



54.6070, 55.2998, 63.2223



53.6016, 55.2998, 54.6098

Rectangle

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



50.5664, 55.2998, 57.2990



50.4977, 55.2998, 62.7762



54.6070, 55.2998, 63.2223



54.6793, 55.2998, 57.7188

Sweetspot

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



50.5680, 55.3022, 57.3002



92.6070, 98.8089, 105.6983



52.2850, 56.2251, 55.6744



19.8473, 21.1617, 22.6574



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.



50.5680, 55.3022, 57.3002



86.7647, 95.9622, 97.9674



51.1775, 55.5460, 60.5099



10.8731, 12.0606, 12.2655



13.5968, 26.4511, 6.8213



0.6752, 1.2650, 0.4881

Inverse Universe

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



51.5022, 52.0954, 59.5681



88.8438, 88.8257, 103.0143



50.8945, 51.8523, 56.3678



11.1491, 11.1133, 12.9355



18.4571, 9.1324, 18.1487



0.9032, 0.4441, 1.0134

Previews

White Background



This preview shows how the XYZ color 50.5664, 55.2998, 57.2990 looks on a white background.

Color Contrast Check

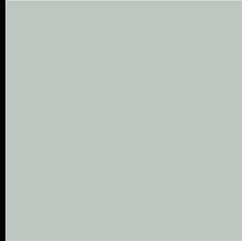
Large Text (above 18pt) WCAG AA × Fail

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 50.5664, 55.2998, 57.2990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

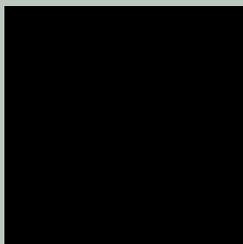
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

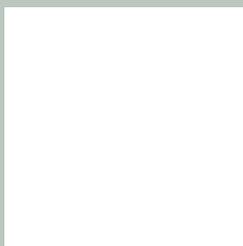
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.5664, 55.2998, 57.2990

Background



This preview shows how black text looks on a background with the XYZ color 50.5664, 55.2998, 57.2990.



This preview shows how white text looks on a background with the XYZ color 50.5664, 55.2998,

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

50.5664, 55.2998, 57.2990

Protanopia

52.7878, 55.1218, 56.0015

Deuteranopia

56.3580, 55.2761, 58.1510



Tritanopia

52.9837, 55.2594, 69.5016

Trichromacy



Original Color

50.5664, 55.2998, 57.2990

Protanomaly

51.7991, 54.9333, 56.5883

Deuteranomaly

54.0380, 55.0675, 57.6502

Tritanomaly

52.1005, 55.2393, 65.0430

Monochromacy



Original Color

50.5664, 55.2998, 57.2990

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

51.2158, 54.5814, 58.8748

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.5664, 55.2998, 57.2990 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(188, 199, 191)` looks like.

```
.text, #text, p{  
    color:rgb(188, 199, 191)  
}
```

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(188, 199, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 199, 191) }
```

Border

The CSS property to change the border of an element to XYZ 50.5664, 55.2998, 57.2990 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(188, 199, 191) }
```

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

```
.border{ border-color:rgb(188, 199, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 199, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 199, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 199, 191);  
box-shadow:4px 4px 4px 4px rgb(188, 199,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 50.5664, 55.2998, 57.2990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 199, 191) }
```

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

```
.background{ background-color: rgb(188,  
199, 191) }
```

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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