

Converting Colors

XYZ(49.9521, 55.3648, 59.5702)

Have a look what the booklet for
XYZ(49.9521, 55.3648, 59.5702)
contains.

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Color

**XYZ(50.0330, 55.3160,
59.6698)**

Conversions

Conversions Part 1

Format	Color
Hex	B7C8C3
RGB	183, 200, 195
RGB Percent	72%, 78%, 76%
CMY	0.2823, 0.2157, 0.2353
CMYK	0.09, 0.00, 0.03, 0.22
HSL	162°, 13%, 75%
HSV	162°, 9%, 78%
XYZ	50.0330, 55.3160, 59.6698
YIQ	194.3470, -8.5270, -5.1590

Conversions

Conversions Part 2

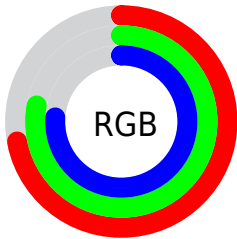
Format	Color
RYB	183, 193, 200
Decimal	12044483
CIELab	79.22, -6.73, 0.51
CIElCh	79, 6.747, 175.662
Yxy	55.3160, 0.3032, 0.3352
Android (android.graphics.Color)	4290234563 (0xFFB7C8C3)
YUV	194.3470, 0.3219, -9.9513
Hunter-Lab	74.3747, -10.0761, 4.4948

Details

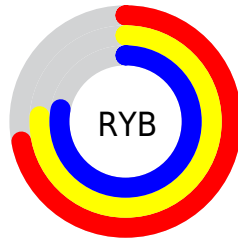
The XYZ color **50.0330, 55.3160, 59.6698** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.8320, 49.7785, 54.5612**, and the grayscale version is **51.4868, 54.1681, 58.9890**.

A 20% lighter version of the original color is **88.9273, 96.8990, 106.1119**, and **24.2925, 27.2267, 29.1742** is the 20% darker color. If you saturate the color by 10%, you get **44.9577, 52.7765, 56.0277**, and if you desaturate by 10%, it is **55.8137, 58.2192, 63.4841**.

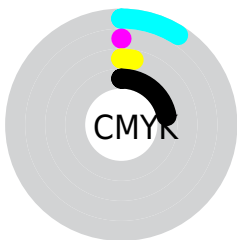
Distribution



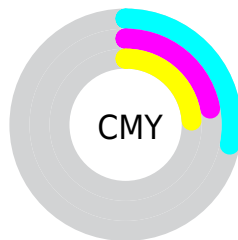
- Red (72%)
- Green (78%)
- Blue (76%)



- Red (72%)
- Yellow (76%)
- Blue (78%)



- Cyan (9%)
- Magenta (0%)
- Yellow (3%)
- Black (22%)



- Cyan (28%)
- Magenta (22%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.0330, 55.3160, 59.6698 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 50.0330, 55.3160, 59.6698 by changing the saturation by 10% instead.

■ 50.0330, 55.3160,
59.6698

■ 50.0330, 55.3160,
59.6698

377.2448,
407.1087, 441.1504

■ 35.6575, 39.6548,
42.7290

■ 89.4153, 98.0038,
105.8892

■ 24.3387, 27.2695,
29.3427

115.1528,
125.7991, 136.0049

■ 15.7111, 17.7757,
19.0924

145.4084,
158.4080, 171.3492

■ 9.4095, 10.7891,
11.5596

180.5474,
196.2148, 212.3408

■ 5.0685, 5.9252,
6.3257

220.9352,
239.6038, 259.3982

■ 2.3227, 2.7996,
2.9721

266.9372,

■ 0.8062, 1.0280,

288.9596, 312.9399

1.0804

318.9186,
344.6664, 373.3844

■ 0.0000, 0.0000,
0.0000

■ 50.0330, 55.3160,
59.6698

■ 50.0330, 55.3160,
59.6698

■ 44.9577, 52.7765,
56.0277

■ 55.8137, 58.2192,
63.4841

■ 40.5544, 50.5789,
52.5513

■ 62.3220, 61.4929,
67.4698

■ 36.7941, 48.7098,
49.2388

■ 69.5851, 65.1525,
71.6307

■ 33.6435, 47.1521,
46.0870

■ 74.6213, 67.6611,
75.8289

■ 31.0666, 45.8873,
43.0926

■ 75.4079, 67.9757,
79.9711

■ 29.0233, 44.8947,
40.2520

■ 76.2221, 68.3014,
84.2589

■ 27.4681, 44.1509,
37.5614

■ 77.0643, 68.6383,
88.6938

■ 26.3477, 43.6285,
35.0166

■ 77.9347, 68.9865,
93.2772

■ 25.5780, 43.2841,
32.6118

■ 78.8335, 69.3460,
98.0104

Harmonies

Analogous

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



50.4642, 55.3160, 56.1375



50.0330, 55.3160, 59.6698



50.2736, 55.3160, 63.5030

Triad

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



50.0330, 55.3160, 59.6698



53.7070, 55.3160, 67.1738



54.0523, 55.3160, 54.3040

Complementary

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



50.0330, 55.3160, 59.6698



49.8320, 49.7785, 54.5612

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.



54.9480, 55.3160, 57.0709



50.0330, 55.3160, 59.6698



54.7463, 55.3160, 64.5161

Square

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



50.0330, 55.3160, 59.6698



52.3803, 55.3160, 67.9415



55.2042, 55.3160, 60.7931



52.7726, 55.3160, 53.1248

Rectangle

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



50.0330, 55.3160, 59.6698



50.7849, 55.3160, 65.6983



55.2042, 55.3160, 60.7931



54.4092, 55.3160, 55.0734

Sweetspot

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



50.0346, 55.3183, 59.6710



91.9310, 98.4337, 106.8733



49.9670, 55.4340, 52.8667



19.5028, 20.9814, 22.7603



0.0000, 0.0000, 0.0000



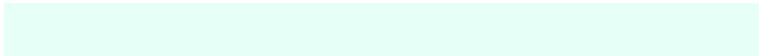
20.3446, 21.4041, 23.3091

Same Dimension

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



50.0346, 55.3183, 59.6710



85.0982, 95.0065, 102.2510



49.8310, 53.9907, 62.4413



10.8086, 12.0123, 12.9421



16.2376, 27.5074, 20.7273



0.7994, 1.3147, 1.1424

Inverse Universe

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



49.8320, 49.7785, 54.5612



84.6844, 83.6903, 91.8138



50.0117, 50.9863, 52.0058



10.7601, 10.6874, 11.7201



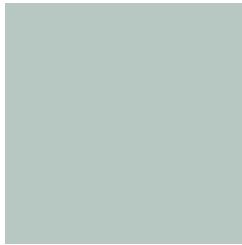
15.6792, 8.0212, 3.5205



0.7747, 0.3927, 0.3367

Previews

White Background



This preview shows how the XYZ color 50.0330, 55.3160, 59.6698 looks on a white background.

Color Contrast Check

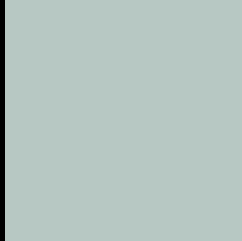
Large Text (above 18pt) WCAG AA × Fail

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 50.0330, 55.3160, 59.6698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

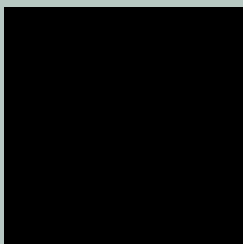
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

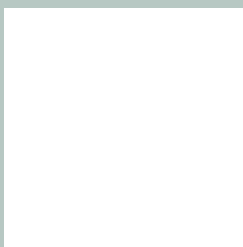
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.0330, 55.3160, 59.6698

Background



This preview shows how black text looks on a background with the XYZ color 50.0330, 55.3160, 59.6698.



This preview shows how white text looks on a background with the XYZ color 50.0330, 55.3160,

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

50.0330, 55.3160, 59.6698

Protanopia

52.8490, 55.1153, 57.7221

Deuteranopia

56.2231, 55.1543, 60.5059



Tritanopia

52.2262, 55.1757, 70.8482

Trichromacy



Original Color

50.0330, 55.3160, 59.6698

Protanomaly

51.8400, 55.2521, 58.3845

Deuteranomaly

53.8842, 55.2656, 60.0519

Tritanomaly

51.3422, 55.1587, 66.3332

Monochromacy



Original Color

50.0330, 55.3160, 59.6698

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

50.7127, 54.3220, 58.8513

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.0330, 55.3160, 59.6698 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(183, 200, 195)` looks like.

```
.text, #text, p{  
    color:rgb(183, 200, 195)  
}
```

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(183, 200, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 200, 195) }
```

Border

The CSS property to change the border of an element to XYZ 50.0330, 55.3160, 59.6698 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(183, 200, 195) }
```


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

```
.border{ border-color:rgb(183, 200, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 200, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 200, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 200, 195); box-shadow:4px 4px 4px 4px rgb(183, 200, 195) }
```

Background

The CSS property to change the background color of an element to XYZ 50.0330, 55.3160, 59.6698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 200, 195) }
```

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

```
.background{ background-color: rgb(183,  
200, 195) }
```

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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