

Converting Colors

XYZ(50.5611, 55.3083, 59.0259)

Have a look what the booklet for
XYZ(50.5611, 55.3083, 59.0259)
contains.

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Color

**XYZ(50.6545, 55.3067,
59.0444)**

Conversions

Conversions Part 1

Format	Color
Hex	BBC7C2
RGB	187, 199, 194
RGB Percent	73%, 78%, 76%
CMY	0.2667, 0.2196, 0.2392
CMYK	0.06, 0.00, 0.03, 0.22
HSL	155°, 10%, 76%
HSV	155°, 6%, 78%
XYZ	50.6545, 55.3067, 59.0444
YIQ	194.8420, -5.5470, -4.0990

Conversions

Conversions Part 2

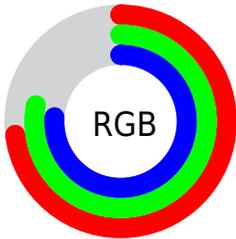
Format	Color
RYB	187, 195, 199
Decimal	12306370
CIELab	79.22, -5.04, 1.07
CIELCh	79, 5.153, 167.960
Yxy	55.3067, 0.3070, 0.3352
Android (android.graphics.Color)	4290496450 (0xFFBBC7C2)
YUV	194.8420, -0.4151, -6.8774
Hunter-Lab	74.3685, -8.5634, 4.9850

Details

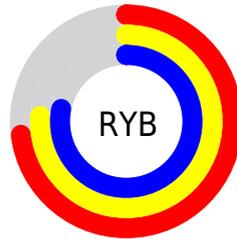
The XYZ color **50.6545, 55.3067, 59.0444** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.8399, 51.4899, 57.1307**, and the grayscale version is **51.7838, 54.4805, 59.3293**.

A 20% lighter version of the original color is **89.9775, 97.4768, 104.5151**, and **24.6905, 27.2126, 28.7622** is the 20% darker color. If you saturate the color by 10%, you get **45.2139, 52.6082, 54.0623**, and if you desaturate by 10%, it is **56.8249, 58.3786, 64.3344**.

Distribution



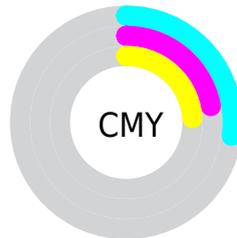
- Red (73%)
- Green (78%)
- Blue (76%)



- Red (73%)
- Yellow (76%)
- Blue (78%)



- Cyan (6%)
- Magenta (0%)
- Yellow (3%)
- Black (22%)



- Cyan (27%)
- Magenta (22%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.6545, 55.3067, 59.0444 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 50.6545, 55.3067, 59.0444 by changing the saturation by 10% instead.

■ 50.6545, 55.3067,
59.0444

■ 50.6545, 55.3067,
59.0444

379.6298,
407.0735, 438.7729

■ 36.1536, 39.6473,
42.2286

■ 90.3299, 97.9902,
104.9719

■ 24.7235, 27.2637,
28.9534

116.2351,
125.7831, 134.9208

■ 15.9988, 17.7714,
18.8003

146.6726,
158.3893, 170.0844

■ 9.6142, 10.7860,
11.3507

182.0075,
196.1931, 210.8813

■ 5.2042, 5.9231,
6.1861

222.6054,
239.5791, 257.7301

■ 2.4035, 2.7984,
2.8880

268.8314,

■ 0.8469, 1.0274,

288.9316, 311.0493

1.0377

321.0511,
344.6349, 371.2573

■ 0.0000, 0.0000,
0.0000

■ 50.6545, 55.3067,
59.0444

■ 50.6545, 55.3067,
59.0444

■ 45.2139, 52.6082,
54.0623

■ 56.8249, 58.3786,
64.3344

■ 40.4700, 50.2613,
49.3788

■ 63.7473, 61.8304,
69.9342

■ 36.3940, 48.2530,
44.9892

■ 71.4486, 65.6776,
75.8505

■ 32.9534, 46.5665,
40.8873

■ 75.5546, 67.6651,
81.8825

■ 30.1125, 45.1836,
37.0668

■ 76.7288, 68.1347,
88.0654

■ 27.8323, 44.0843,
33.5209

■ 77.9588, 68.6267,
94.5429

■ 26.0687, 43.2459,
30.2425

■ 79.2456, 69.1414,
101.3188

■ 24.7707, 42.6422,
27.2241

■ 79.7145, 69.3290,
103.7882

■ 23.8740, 42.2402,
24.4573

Harmonies

Analogous

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



51.1105, 55.3067, 56.5014



50.6545, 55.3067, 59.0444



50.7062, 55.3067, 61.9852

Triad

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



50.6545, 55.3067, 59.0444



53.1803, 55.3067, 65.7768



53.9045, 55.3067, 56.1054

Complementary

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



50.6545, 55.3067, 59.0444



50.8399, 51.4899, 57.1307

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.



54.4736, 55.3067, 58.4878



50.6545, 55.3067, 59.0444



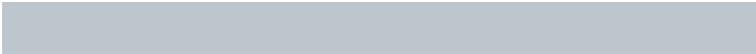
54.0517, 55.3067, 64.0975

Square

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



50.6545, 55.3067, 59.0444



52.1554, 55.3067, 65.9377



54.5278, 55.3067, 61.4103



52.9815, 55.3067, 54.8420

Rectangle

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



50.6545, 55.3067, 59.0444



51.0216, 55.3067, 63.7756



54.5278, 55.3067, 61.4103



54.1441, 55.3067, 56.7983

Sweetspot

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



50.6561, 55.3091, 59.0456



92.8581, 98.9094, 107.0208



51.1839, 55.6699, 55.0620



19.8984, 21.1821, 22.9267



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.



50.6561, 55.3091, 59.0456



87.6102, 96.3004, 102.4196



51.0440, 55.1704, 61.9943



10.9853, 12.1055, 12.8563



15.2063, 27.0949, 15.2967



0.7555, 1.2971, 0.9113

Inverse Universe

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



50.8399, 51.4899, 57.1307



87.9866, 88.4828, 98.5001



50.4650, 51.6123, 54.3167



11.0353, 11.0678, 12.3360



16.1894, 8.2253, 6.2072



0.8025, 0.4038, 0.4831

Previews

White Background



This preview shows how the XYZ color 50.6545, 55.3067, 59.0444 looks on a white background.

Color Contrast Check

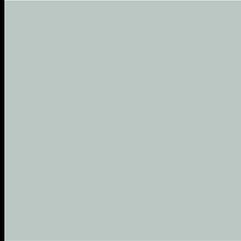
Large Text (above 18pt) WCAG AA × Fail

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 50.6545, 55.3067, 59.0444 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

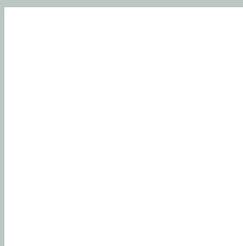
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.6545, 55.3067, 59.0444

Background



This preview shows how black text looks on a background with the XYZ color 50.6545, 55.3067, 59.0444.



This preview shows how white text looks on a background with the XYZ color 50.6545, 55.3067,

59.0444.

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

50.6545, 55.3067, 59.0444

Protanopia

52.8490, 55.1153, 57.7221

Deuteranopia

56.4016, 55.2595, 59.9180



Tritanopia

52.8588, 55.1805, 70.1523

Trichromacy



Original Color

50.6545, 55.3067, 59.0444

Protanomaly

51.8712, 54.9322, 58.3211

Deuteranomaly

54.0971, 55.0592, 59.4060

Tritanomaly

51.9720, 55.1591, 65.6652

Monochromacy



Original Color

50.6545, 55.3067, 59.0444

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

51.3285, 54.6265, 59.4684

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.6545, 55.3067, 59.0444 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(187, 199, 194)` looks like.

```
.text, #text, p{  
    color:rgb(187, 199, 194)  
}
```

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(187, 199, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 199, 194) }
```

Border

The CSS property to change the border of an element to XYZ 50.6545, 55.3067, 59.0444 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(187, 199, 194) }
```

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

```
.border{ border-color:rgb(187, 199, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 199, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 199, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 199, 194);  
box-shadow:4px 4px 4px 4px rgb(187, 199,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 50.6545, 55.3067, 59.0444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 199, 194) }
```

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

```
.background{ background-color: rgb(187,  
199, 194) }
```

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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