

Converting Colors

XYZ(54.5992, 63.6803, 60.9334)

Have a look what the booklet for
XYZ(54.5992, 63.6803, 60.9334)
contains.

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Color

**XYZ(54.6708, 63.8801,
61.0784)**

Conversions

Conversions Part 1

Format	Color
Hex	B9D9C3
RGB	185, 217, 195
RGB Percent	73%, 85%, 76%
CMY	0.2745, 0.1490, 0.2353
CMYK	0.15, 0.00, 0.10, 0.15
HSL	139°, 30%, 79%
HSV	139°, 15%, 85%
XYZ	54.6708, 63.8801, 61.0784
YIQ	204.9240, -12.0100, -13.6260

Conversions

Conversions Part 2

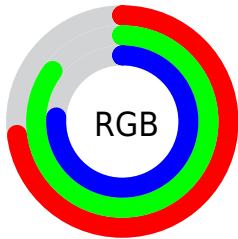
Format	Color
R _Y B	185, 209, 217
Decimal	12179907
CIE Lab	83.90, -14.79, 7.30
CIE LCh	84, 16.498, 153.730
Yxy	63.8801, 0.3044, 0.3556
Android (android.graphics.Color)	4290369987 (0xFFB9D9C3)
YUV	204.9240, -4.8925, -17.4733
Hunter-Lab	79.9250, -17.7701, 10.6383

Details

The XYZ color **54.6708, 63.8801, 61.0784** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57.2290, 53.9563, 66.4328**, and the grayscale version is **58.0171, 61.0385, 66.4709**.

A 20% lighter version of the original color is **89.6063, 97.2490, 106.1436**, and **27.2438, 32.6693, 30.0692** is the 20% darker color. If you saturate the color by 10%, you get **48.2266, 60.7451, 52.4070**, and if you desaturate by 10%, it is **62.0861, 67.4999, 70.6779**.

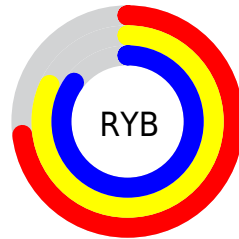
Distribution



Red (73%)

Green (85%)

Blue (76%)



Red (73%)

Yellow (82%)

Blue (85%)

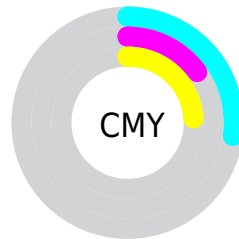


Cyan (15%)

Magenta (0%)

Yellow (10%)

Black (15%)



Cyan (27%)

Magenta (15%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.6708, 63.8801, 61.0784 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 54.6708, 63.8801, 61.0784 by changing the saturation by 10% instead.

■ 54.6708, 63.8801,
61.0784

■ 54.6708, 63.8801,
61.0784

394.8196,
438.7565, 446.4759

■ 39.3710, 46.5536,
43.8575

■ 96.2096, 110.4382,
107.9511

■ 27.2305, 32.6829,
30.2221

123.1793,
140.4386, 138.4399

■ 17.8839, 21.8836,
19.7538

154.7697,
175.4325, 174.1885

■ 10.9658, 13.7714,
12.0339

191.3462,
215.8041, 215.6153

■ 6.1110, 7.9618,
6.6439

233.2740,
261.9379, 263.1389

■ 2.9540, 4.0705,
3.1654

280.9187,

■ 1.1295, 1.7131,

314.2183, 317.1778

1.1797

334.6454,
373.0297, 378.1507

■ 0.0496, 0.4321,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.6708, 63.8801,
61.0784

■ 54.6708, 63.8801,
61.0784

■ 48.2266, 60.7451,
52.4070

■ 62.0861, 67.4999,
70.6779

■ 42.7073, 58.0661,
44.6317

■ 70.5058, 71.6156,
81.2277

■ 38.0705, 55.8239,
37.7252

■ 79.9680, 76.2482,
92.7545

■ 34.2686, 53.9943,
31.6568

■ 84.0527, 78.0875,
104.9807

■ 31.2491, 52.5510,
26.3942

■ 84.1040, 78.1081,
105.2513

■ 28.9533, 51.4645,
21.9029

■ 27.3140, 50.7009,
18.1458

■ 26.2495, 50.2188,
15.0825

■ 25.8516, 50.0431,
13.7348

Harmonies

Analogous

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



56.9229, 63.8801, 54.2217



54.6708, 63.8801, 61.0784



54.0151, 63.8801, 70.8629

Triad

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



54.6708, 63.8801, 61.0784



61.1713, 63.8801, 91.4654



66.7068, 63.8801, 59.0364

Complementary

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



54.6708, 63.8801, 61.0784



57.2290, 53.9563, 66.4328

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.



67.9496, 63.8801, 68.2624



54.6708, 63.8801, 61.0784



64.6742, 63.8801, 87.5355

Square

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



54.6708, 63.8801, 61.0784



57.6795, 63.8801, 89.0600



67.1914, 63.8801, 78.7807



63.8575, 63.8801, 53.1278

Rectangle

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



54.6708, 63.8801, 61.0784



54.5490, 63.8801, 77.9116



67.1914, 63.8801, 78.7807



67.3314, 63.8801, 61.8176

Sweetspot

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



54.6726, 63.8828, 61.0798



90.2877, 97.6730, 102.8906



59.4163, 66.4546, 55.5954



19.1393, 20.8152, 21.7863



0.0000, 0.0000, 0.0000



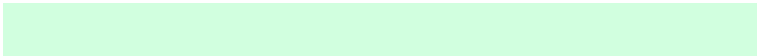
20.3446, 21.4041, 23.3091

Same Dimension

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



54.6726, 63.8828, 61.0798



75.4618, 90.4415, 83.6048



56.5303, 64.6259, 70.8627



13.0533, 14.6729, 14.7435



15.6905, 30.3088, 8.5357



1.0547, 1.9788, 0.7541

Inverse Universe

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



57.2290, 53.9563, 66.4328



79.8911, 73.2404, 92.8773



55.4143, 53.2304, 56.8765



13.4322, 13.2020, 15.5370



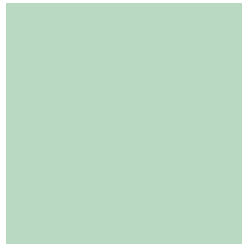
20.6650, 10.2671, 18.4140



1.3770, 0.6804, 1.3940

Previews

White Background



This preview shows how the XYZ color 54.6708, 63.8801, 61.0784 looks on a white background.

Color Contrast Check

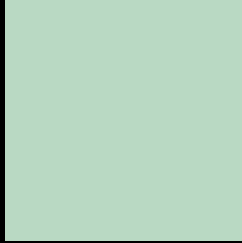
Large Text (above 18pt) WCAG AA × Fail

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 54.6708, 63.8801, 61.0784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

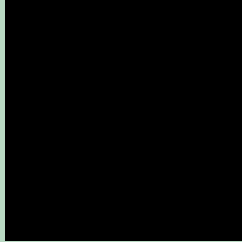
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

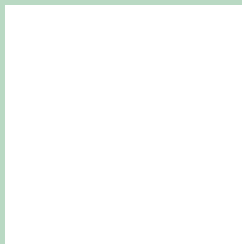
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.6708, 63.8801, 61.0784

Background



This preview shows how black text looks on a background with the XYZ color 54.6708, 63.8801, 61.0784.



This preview shows how white text looks on a background with the XYZ color 54.6708, 63.8801,

61.0784.

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

54.6708, 63.8801, 61.0784

Protanopia

60.4654, 63.5812, 57.8007

Deuteranopia

64.9178, 63.6419, 62.2887



Tritanopia

59.1722, 63.8205, 83.3286

Trichromacy



Original Color

54.6708, 63.8801, 61.0784

Protanomaly

57.9855, 63.3734, 59.0453

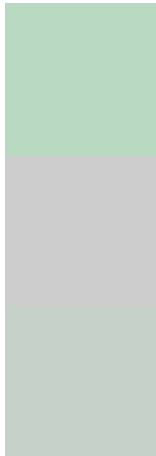
Deuteranomaly

60.7098, 63.2558, 61.8332

Tritanomaly

57.5572, 63.9217, 74.9502

Monochromacy



Original Color

54.6708, 63.8801, 61.0784

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

56.6318, 61.8237, 64.2067

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.6708, 63.8801, 61.0784 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(185, 217, 195)` looks like.

```
.text, #text, p{  
    color:rgb(185, 217, 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(185, 217, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 217, 195) }
```

Border

The CSS property to change the border of an element to XYZ 54.6708, 63.8801, 61.0784 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(185, 217, 195) }
```


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

```
.border{ border-color:rgb(185, 217, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 217, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 217, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 217, 195);  
box-shadow:4px 4px 4px 4px rgb(185, 217,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 54.6708, 63.8801, 61.0784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 217, 195) }
```

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

```
.background{ background-color: rgb(185,  
217, 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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