

Converting Colors

XYZ(55.0580, 61.2183, 61.5401)

Have a look what the booklet for
XYZ(55.0580, 61.2183, 61.5401)
contains.

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Color

**XYZ(54.8708, 60.9696,
61.6996)**

Conversions

Conversions Part 1

Format	Color
Hex	C1D1C5
RGB	193, 209, 197
RGB Percent	76%, 82%, 77%
CMY	0.2431, 0.1804, 0.2274
CMYK	0.08, 0.00, 0.06, 0.18
HSL	135°, 15%, 79%
HSV	135°, 8%, 82%
XYZ	54.8708, 60.9696, 61.6996
YIQ	202.8480, -5.6840, -7.1240

Conversions

Conversions Part 2

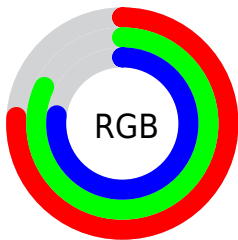
Format	Color
RYB	193, 206, 209
Decimal	12702149
CIELab	82.36, -7.65, 4.09
CIElCh	82, 8.670, 151.868
Yxy	60.9696, 0.3091, 0.3434
Android (android.graphics.Color)	4290892229 (0xFFC1D1C5)
YUV	202.8480, -2.8831, -8.6367
Hunter-Lab	78.0830, -11.2091, 7.8084

Details

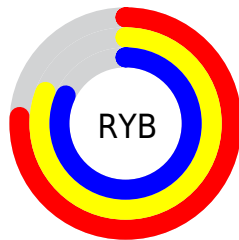
The XYZ color **54.8708, 60.9696, 61.6996** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.3861, 56.1045, 65.6179**, and the grayscale version is **56.6909, 59.6432, 64.9514**.

A 20% lighter version of the original color is **92.7163, 98.8155, 107.9526**, and **27.3267, 30.9148, 30.5135** is the 20% darker color. If you saturate the color by 10%, you get **48.2109, 57.7349, 52.4942**, and if you desaturate by 10%, it is **62.4739, 64.6724, 71.9268**.

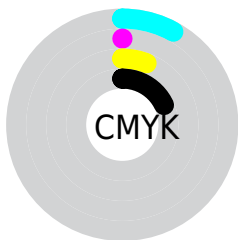
Distribution



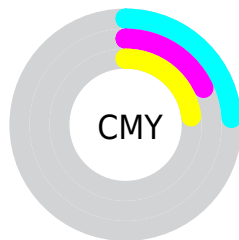
- Red (76%)
- Green (82%)
- Blue (77%)



- Red (76%)
- Yellow (81%)
- Blue (82%)



- Cyan (8%)
- Magenta (0%)
- Yellow (6%)
- Black (18%)



- Cyan (24%)
- Magenta (18%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.8708, 60.9696, 61.6996 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 54.8708, 60.9696, 61.6996 by changing the saturation by 10% instead.

■ 54.8708, 60.9696,
61.6996

■ 54.8708, 60.9696,
61.6996

395.5664,
428.1625, 448.8119

■ 39.5317, 44.2006,
44.3558

■ 96.5011, 106.2349,
108.8586

■ 27.3562, 30.8283,
30.6111

123.5229,
135.5001, 139.5109

■ 17.9789, 20.4681,
20.0469

155.1698,
169.6994, 175.4365

■ 11.0344, 12.7358,
12.2447

191.8070,
209.2173, 217.0538

■ 6.1575, 7.2469,
6.7860

233.7999,
254.4382, 264.7815

■ 2.9826, 3.6170,
3.2522

281.5139,

■ 1.1446, 1.4617,

305.7464, 319.0380

1.2248

335.3143,
363.5264, 380.2420

■ 0.0619, 0.2615,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.8708, 60.9696,
61.6996

■ 54.8708, 60.9696,
61.6996

■ 48.2109, 57.7349,
52.4942

■ 62.4739, 64.6724,
71.9268

■ 42.4521, 54.9421,
44.2752

■ 71.0501, 68.8529,
83.2019

■ 37.5565, 52.5740,
37.0110

■ 80.3754, 73.3968,
95.5427

■ 33.4814, 50.6094,
30.6668

■ 82.0916, 74.0833,
104.5805

■ 30.1805, 49.0252,
25.2056

■ 27.6030, 47.7960,
20.5880

■ 25.6913, 46.8930,
16.7715

■ 24.3789, 46.2828,
13.7098

■ 23.5747, 45.9196,
11.3514

Harmonies

Analogous

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



56.0930, 60.9696, 58.1085



54.8708, 60.9696, 61.6996



54.4686, 60.9696, 66.7180

Triad

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



54.8708, 60.9696, 61.6996



58.0657, 60.9696, 77.0907



61.0218, 60.9696, 61.1537

Complementary

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



54.8708, 60.9696, 61.6996



56.3861, 56.1045, 65.6179

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.



61.5762, 60.9696, 66.0542



54.8708, 60.9696, 61.6996



59.8471, 60.9696, 75.4134

Square

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



54.8708, 60.9696, 61.6996



56.2896, 60.9696, 75.7753



61.1418, 60.9696, 71.3029



59.6423, 60.9696, 57.8053

Rectangle

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



54.8708, 60.9696, 61.6996



54.7126, 60.9696, 70.2506



61.1418, 60.9696, 71.3029



61.3121, 60.9696, 62.6649

Sweetspot

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



54.8725, 60.9722, 61.7009



92.5887, 98.8016, 105.6020



57.6790, 62.4713, 59.4710



19.8436, 21.1602, 22.6378



0.0000, 0.0000, 0.0000



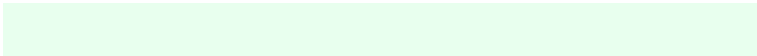
20.3446, 21.4041, 23.3091

Same Dimension

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



54.8725, 60.9722, 61.7009



84.4562, 94.8447, 94.5801



55.7820, 61.3360, 66.4904



11.7758, 13.2541, 13.1757



14.4772, 28.2838, 6.8932



0.8419, 1.5944, 0.5562

Inverse Universe

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



56.3861, 56.1045, 65.6179



87.2507, 85.8574, 101.8117



55.4750, 55.7401, 60.8201



12.1793, 11.9564, 14.2198



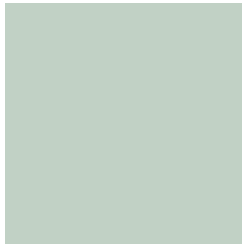
19.9933, 9.8702, 20.6686



1.1486, 0.5642, 1.3173

Previews

White Background



This preview shows how the XYZ color 54.8708, 60.9696, 61.6996 looks on a white background.

Color Contrast Check

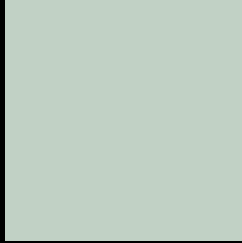
Large Text (above 18pt) WCAG AA × Fail

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 54.8708, 60.9696, 61.6996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

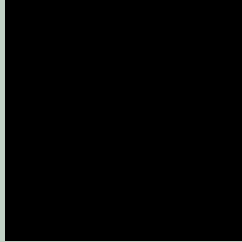
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

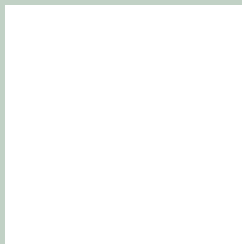
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.8708, 60.9696, 61.6996

Background



This preview shows how black text looks on a background with the XYZ color 54.8708, 60.9696, 61.6996.

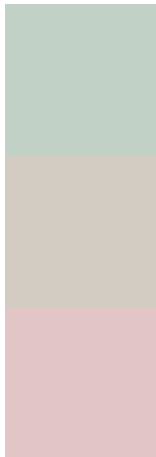


This preview shows how white text looks on a background with the XYZ color 54.8708, 60.9696, 61.6996.

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

54.8708, 60.9696, 61.6996

Protanopia

58.1944, 60.9297, 59.7324

Deuteranopia

61.8669, 60.6804, 62.4846



Tritanopia

58.0421, 60.8069, 77.7850

Trichromacy



Original Color

54.8708, 60.9696, 61.6996

Protanomaly

56.8235, 60.9201, 60.3936

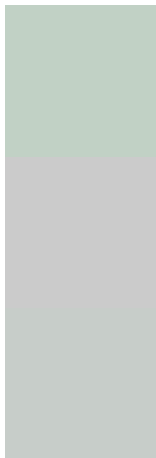
Deuteranomaly

59.0451, 60.6144, 62.0138

Tritanomaly

56.8465, 60.6825, 71.6675

Monochromacy



Original Color

54.8708, 60.9696, 61.6996

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

55.9271, 60.0218, 63.8960

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.8708, 60.9696, 61.6996 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(193, 209, 197)` looks like.

```
.text, #text, p{  
    color:rgb(193, 209, 197)  
}
```

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(193, 209, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 209, 197) }
```

Border

The CSS property to change the border of an element to XYZ 54.8708, 60.9696, 61.6996 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(193, 209, 197) }
```


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

```
.border{ border-color:rgb(193, 209, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 209, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 209, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 209, 197); box-shadow:4px 4px 4px 4px rgb(193, 209, 197) }
```

Background

The CSS property to change the background color of an element to XYZ 54.8708, 60.9696, 61.6996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 209, 197) }
```

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

```
.background{ background-color: rgb(193,  
209, 197) }
```

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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