

Converting Colors

XYZ(55.4985, 57.7440, 61.5742)

Have a look what the booklet for
XYZ(55.4985, 57.7440, 61.5742)
contains.

XYZ(55.5183, 57.7614, 61.6490)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(55.5183, 57.7614,
61.6490)**

Conversions

Conversions Part 1

Format	Color
Hex	CCC7C6
RGB	204, 199, 198
RGB Percent	80%, 78%, 78%
CMY	0.2000, 0.2196, 0.2235
CMYK	0.00, 0.02, 0.03, 0.20
HSL	10°, 6%, 79%
HSV	10°, 3%, 80%
XYZ	55.5183, 57.7614, 61.6490
YIQ	200.3810, 3.3010, 0.7490

Conversions

Conversions Part 2

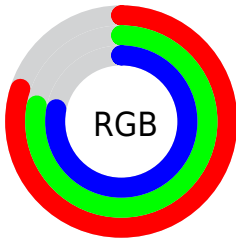
Format	Color
RYB	204, 199, 198
Decimal	13420486
CIELab	80.61, 1.56, 1.10
CIELCh	81, 1.909, 35.376
Yxy	57.7614, 0.3174, 0.3302
Android (android.graphics.Color)	4291610566 (0xFFCCC7C6)
YUV	200.3810, -1.1738, 3.1739
Hunter-Lab	76.0009, -2.6082, 5.1069

Details

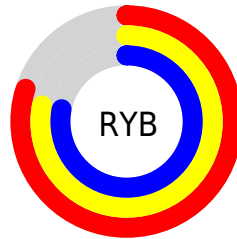
The XYZ color **55.5183, 57.7614, 61.6490** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.5437, 59.0765, 65.6030**, and the grayscale version is **55.1415, 58.0132, 63.1763**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **27.7371, 28.7484, 30.4727** is the 20% darker color. If you saturate the color by 10%, you get **49.6294, 49.4985, 48.8483**, and if you desaturate by 10%, it is **62.1638, 67.0288, 76.2669**.

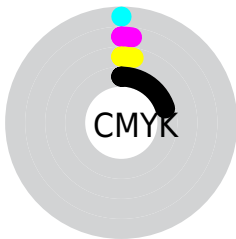
Distribution



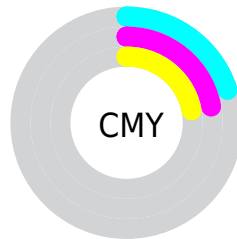
- Red (80%)
- Green (78%)
- Blue (78%)



- Red (80%)
- Yellow (78%)
- Blue (78%)



- Cyan (0%)
- Magenta (2%)
- Yellow (3%)
- Black (20%)



- Cyan (20%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.5183, 57.7614, 61.6490 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 55.5183, 57.7614, 61.6490 by changing the saturation by 10% instead.

■ 55.5183, 57.7614,
61.6490

■ 55.5183, 57.7614,
61.6490

397.9782,
416.2963, 448.6219

■ 40.0523, 41.6169,
44.3152

97.4438, 101.5753,
108.7847

■ 27.7637, 28.8014,
30.5794

124.6341,
130.0135, 139.4238

■ 18.2872, 18.9306,
20.0230

156.4632,
163.3183, 175.3349

■ 11.2573, 11.6202,
12.2275

193.2964,
201.8742, 216.9368

■ 6.3087, 6.4856,
6.7744

235.4992,
246.0656, 264.6479

■ 3.0761, 3.1425,
3.2451

283.4368,

■ 1.1942, 1.2066,

296.2768, 318.8867

1.2211

337.4747,
352.8922, 380.0719

■ 0.1017, 0.0671,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.5183, 57.7614,
61.6490

■ 55.5183, 57.7614,
61.6490

■ 49.6294, 49.4985,
48.8483

■ 62.1638, 67.0288,
76.2669

■ 44.4654, 42.1992,
37.7901

■ 69.5866, 77.3252,
92.7655

■ 39.9994, 35.8303,
28.3999

■ 77.1284, 88.4101,
107.6075

■ 36.2012, 30.3543,
20.5965

■ 78.7122, 91.5776,
108.1354

■ 33.0380, 25.7309,
14.2918

■ 30.4744, 21.9170,
9.3891

■ 28.4716, 18.8653,
5.7804

■ 26.9855, 16.5236,
3.3417

■ 25.9655, 14.8329,
1.9244

Harmonies

Analogous

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



55.6555, 57.7614, 62.6900



55.5183, 57.7614, 61.6490



55.2156, 57.7614, 60.9474

Triad

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



55.5183, 57.7614, 61.6490



54.2171, 57.7614, 61.9958



54.9712, 57.7614, 65.0694

Complementary

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



55.5183, 57.7614, 61.6490



55.5437, 59.0765, 65.6030

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.



54.5865, 57.7614, 64.8782



55.5183, 57.7614, 61.6490



54.1523, 57.7614, 63.0951

Square

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



55.5183, 57.7614, 61.6490



54.4646, 57.7614, 61.1460



54.2873, 57.7614, 64.1523



55.3387, 57.7614, 64.6717

Rectangle

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



55.5183, 57.7614, 61.6490



54.9614, 57.7614, 60.7619



54.2873, 57.7614, 64.1523



54.8396, 57.7614, 65.0720

Sweetspot

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



55.5199, 57.7639, 61.6503



93.9684, 98.4894, 106.5275



55.8762, 57.5382, 64.6617



20.1245, 21.0967, 22.8263



0.0000, 0.0000, 0.0000



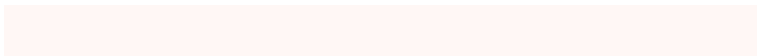
20.3446, 21.4041, 23.3091

Same Dimension

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



55.5199, 57.7639, 61.6503



90.8008, 94.0601, 99.5959



56.2162, 59.1565, 61.8824



11.9771, 12.3752, 13.0422



16.0822, 8.8973, 0.8697



0.8780, 0.5557, 0.0610

Inverse Universe

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



55.5437, 59.0765, 65.6030



90.8547, 97.0329, 108.5484



54.8429, 57.6748, 65.3694



11.9854, 12.8312, 14.4153



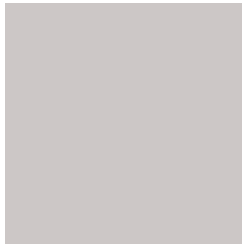
15.9527, 20.9295, 39.1553



0.8665, 1.1667, 2.0345

Previews

White Background



This preview shows how the XYZ color 55.5183, 57.7614, 61.6490 looks on a white background.

Color Contrast Check

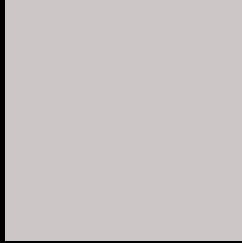
Large Text (above 18pt) WCAG AA × Fail

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 55.5183, 57.7614, 61.6490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

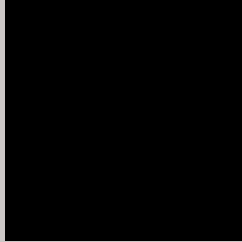
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

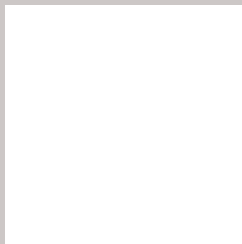
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.5183, 57.7614, 61.6490

Background



This preview shows how black text looks on a background with the XYZ color 55.5183, 57.7614, 61.6490.

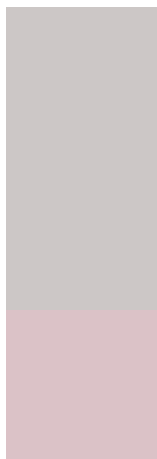


This preview shows how white text looks on a background with the XYZ color 55.5183, 57.7614,

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

55.5183, 57.7614, 61.6490

Protanopia

55.5183, 57.7614, 61.6490

Deuteranopia

58.8140, 57.7672, 62.0832



Tritanopia

57.3035, 57.8078, 70.4252

Trichromacy



Original Color

55.5183, 57.7614, 61.6490

Protanomaly

55.5183, 57.7614, 61.6490

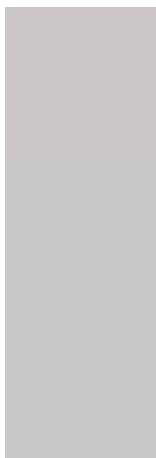
Deuteranomaly

57.7803, 57.8995, 62.1632

Tritanomaly

56.6334, 57.8723, 67.2171

Monochromacy



Original Color

55.5183, 57.7614, 61.6490

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.0505, 57.8496, 62.2974

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5183, 57.7614, 61.6490 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(204, 199, 198) looks like.

```
.text, #text, p{  
    color:rgb(204, 199, 198)  
}
```

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(204, 199, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 199, 198) }
```

Border

The CSS property to change the border of an element to XYZ 55.5183, 57.7614, 61.6490 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(204, 199, 198) }
```


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

```
.border{ border-color:rgb(204, 199, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 199, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 199, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 199, 198);  
box-shadow:4px 4px 4px 4px rgb(204, 199,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5183, 57.7614, 61.6490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 199, 198) }
```

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

```
.background{ background-color: rgb(204,  
199, 198) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor