

Converting Colors

XYZ(55.1779, 57.7616, 60.7652)

Have a look what the booklet for
XYZ(55.1779, 57.7616, 60.7652)
contains.

XYZ(55.1301, 57.5746, 61.0307)	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(55.1301, 57.5746,
61.0307)**

Conversions

Conversions Part 1

Format	Color
Hex	CBC7C5
RGB	203, 199, 197
RGB Percent	80%, 78%, 77%
CMY	0.2039, 0.2196, 0.2274
CMYK	0.00, 0.02, 0.03, 0.20
HSL	20°, 5%, 78%
HSV	20°, 3%, 80%
XYZ	55.1301, 57.5746, 61.0307
YIQ	199.9680, 3.0260, 0.2260

Conversions

Conversions Part 2

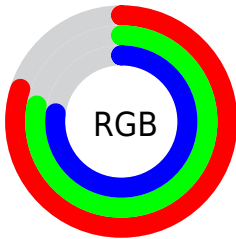
Format	Color
R_{YB}	203, 200, 197
Decimal	13354949
CIE Lab	80.50, 1.03, 1.48
CIE LCh	81, 1.803, 55.191
Yxy	57.5746, 0.3173, 0.3314
Android (android.graphics.Color)	4291545029 (0xFFCBC7C5)
YUV	199.9680, -1.4632, 2.6591
Hunter-Lab	75.8779, -3.0949, 5.4260

Details

The XYZ color **55.1301, 57.5746, 61.0307** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.6921, 57.9546, 64.8045**, and the grayscale version is **54.8888, 57.7473, 62.8868**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **27.4778, 28.6235, 30.0633** is the 20% darker color. If you saturate the color by 10%, you get **49.9853, 50.7597, 48.6022**, and if you desaturate by 10%, it is **60.8679, 65.0728, 75.2037**.

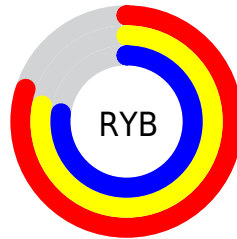
Distribution



Red (80%)

Green (78%)

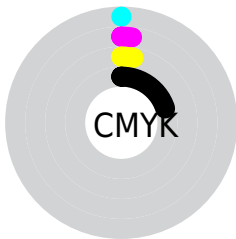
Blue (77%)



Red (80%)

Yellow (78%)

Blue (77%)

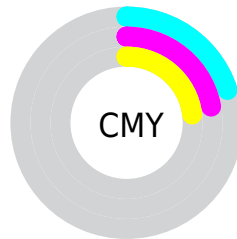


Cyan (0%)

Magenta (2%)

Yellow (3%)

Black (20%)



Cyan (20%)

Magenta (22%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.1301, 57.5746, 61.0307 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 55.1301, 57.5746, 61.0307 by changing the saturation by 10% instead.

■ 55.1301, 57.5746,
61.0307

■ 55.1301, 57.5746,
61.0307

396.5333,
415.5989, 446.2962

■ 39.7401, 41.4667,
43.8192

96.8788, 101.3031,
107.8813

■ 27.5193, 28.6840,
30.1923

123.9682,
129.6926, 138.3576

■ 18.1022, 18.8419,
19.7313

155.6881,
162.9447, 174.0925

■ 11.1235, 11.5561,
12.0177

192.4040,
201.4439, 215.5047

■ 6.2179, 6.4422,
6.6331

234.4810,
245.5745, 263.0126

■ 3.0199, 3.1158,
3.1588

282.2847,

■ 1.1643, 1.1925,

295.7209, 317.0348

1.1763

336.1804,
352.2676, 377.9898

■ 0.0779, 0.0555,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.1301, 57.5746,
61.0307

■ 55.1301, 57.5746,
61.0307

■ 49.9853, 50.7597,
48.6022

■ 60.8679, 65.0728,
75.2037

■ 45.4090, 44.6012,
37.8465

■ 67.2125, 73.2651,
91.1816

■ 41.3822, 39.0814,
28.6926

■ 73.7124, 81.9837,
106.5471

■ 37.8828, 34.1790,
21.0629

■ 77.8330, 90.2247,
107.9206

■ 34.8871, 29.8716,
14.8733

■ 78.4389, 91.4367,
108.1226

■ 32.3697, 26.1351,
10.0312

■ 30.3022, 22.9437,
6.4334

■ 28.6532, 20.2693,
3.9614

■ 27.3860, 18.0806,
2.4727

Harmonies

Analogous

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



55.3693, 57.5746, 61.8256



55.1301, 57.5746, 61.0307



54.7826, 57.5746, 60.6802

Triad

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



55.1301, 57.5746, 61.0307



54.0170, 57.5746, 62.5183



55.0263, 57.5746, 64.5510

Complementary

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



55.1301, 57.5746, 61.0307



54.6921, 57.9546, 64.8045

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.



54.6633, 57.5746, 64.7415



55.1301, 57.5746, 61.0307



54.0816, 57.5746, 63.5603

Square

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



55.1301, 57.5746, 61.0307



54.1408, 57.5746, 61.5329



54.3178, 57.5746, 64.3770



55.3092, 57.5746, 63.8594

Rectangle

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



55.1301, 57.5746, 61.0307



54.5367, 57.5746, 60.7429



54.3178, 57.5746, 64.3770



54.9096, 57.5746, 64.6761

Sweetspot

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



55.1317, 57.5771, 61.0319



94.1026, 98.7579, 106.5722



55.1383, 56.8470, 63.3256



20.1518, 21.1514, 22.8354



0.0000, 0.0000, 0.0000



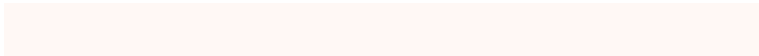
20.3446, 21.4041, 23.3091

Same Dimension

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



55.1317, 57.5771, 61.0319



91.3217, 95.1019, 99.7695



55.8280, 58.9696, 61.2640



12.0568, 12.5346, 13.0688



17.0563, 10.8455, 1.1944



0.9496, 0.6989, 0.0849

Inverse Universe

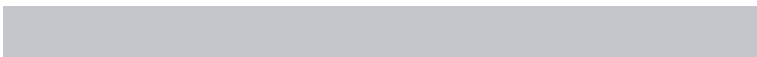
The Inverse Universe completely reimagines the original color for something new.



54.6921, 57.9546, 64.8045



90.3195, 95.9626, 108.3700



54.0004, 56.5712, 64.5739



11.9031, 12.6666, 14.3879



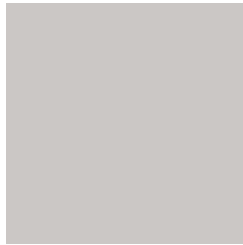
12.4795, 13.9830, 37.9975



0.7118, 0.8574, 1.9829

Previews

White Background



This preview shows how the XYZ color 55.1301, 57.5746, 61.0307 looks on a white background.

Color Contrast Check

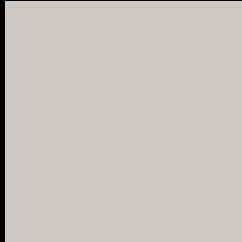
Large Text (above 18pt) WCAG AA × Fail

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 55.1301, 57.5746, 61.0307 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

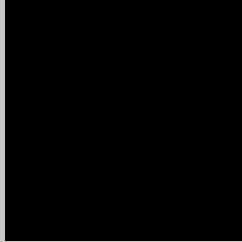
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

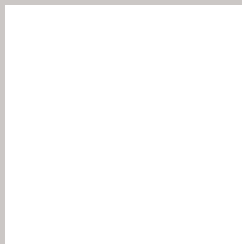
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.1301, 57.5746, 61.0307

Background



This preview shows how black text looks on a background with the XYZ color 55.1301, 57.5746, 61.0307.

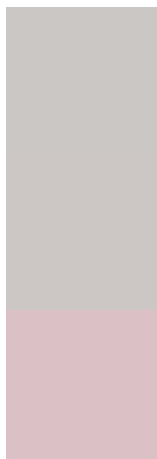


This preview shows how white text looks on a background with the XYZ color 55.1301, 57.5746,

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

55.1301, 57.5746, 61.0307

Protanopia

55.4033, 57.7154, 61.0434

Deuteranopia

58.4764, 57.2772, 61.3996



Tritanopia

57.0268, 57.6651, 70.4122

Trichromacy



Original Color

55.1301, 57.5746, 61.0307

Protanomaly

55.4033, 57.7154, 61.0434

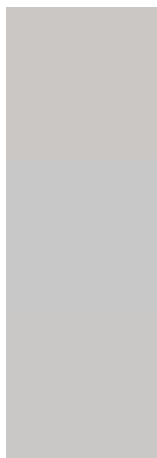
Deuteranomaly

57.1487, 57.2536, 61.4651

Tritanomaly

56.3584, 57.7305, 67.2042

Monochromacy



Original Color

55.1301, 57.5746, 61.0307

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 55.1301, 57.5746, 61.0307 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(203, 199, 197) looks like.

```
.text, #text, p{  
    color:rgb(203, 199, 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(203, 199, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 199, 197) }
```

Border

The CSS property to change the border of an element to XYZ 55.1301, 57.5746, 61.0307 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(203, 199, 197) }
```


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

```
.border{ border-color:rgb(203, 199, 197) }
```

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

Here you see how a box with a 4 pixel rgb(203, 199, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 199, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 199, 197);  
box-shadow:4px 4px 4px 4px rgb(203, 199,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 55.1301, 57.5746, 61.0307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 199, 197) }
```

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

```
.background{ background-color: rgb(203,  
199, 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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