

Converting Colors

XYZ(56.7378, 60.1969, 61.6770)

Have a look what the booklet for
XYZ(56.7378, 60.1969, 61.6770)
contains.

XYZ(56.5727, 60.0543, 61.4333)	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(56.5727, 60.0543,
61.4333)**

Conversions

Conversions Part 1

Format	Color
Hex	CCCCC5
RGB	204, 204, 197
RGB Percent	80%, 80%, 77%
CMY	0.2000, 0.2000, 0.2274
CMYK	0.00, 0.00, 0.03, 0.20
HSL	60°, 6%, 79%
HSV	60°, 3%, 80%
XYZ	56.5727, 60.0543, 61.4333
YIQ	203.2020, 2.2470, -2.1770

Conversions

Conversions Part 2

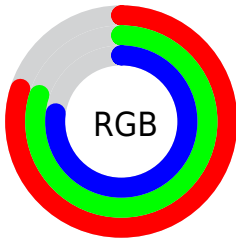
Format	Color
RYB	197, 204, 197
Decimal	13421765
CIELab	81.87, -1.25, 3.47
CIELCh	82, 3.693, 109.835
Yxy	60.0543, 0.3177, 0.3373
Android (android.graphics.Color)	4291611845 (0xFFCCCCC5)
YUV	203.2020, -3.0576, 0.6998
Hunter-Lab	77.4947, -5.3071, 7.2446

Details

The XYZ color **56.5727, 60.0543, 61.4333** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.8937, 56.1641, 65.1301**, and the grayscale version is **56.9107, 59.8744, 65.2033**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **28.4419, 30.2799, 30.3322** is the 20% darker color. If you saturate the color by 10%, you get **54.3890, 59.1824, 49.9435**, and if you desaturate by 10%, it is **59.0761, 61.0580, 74.5919**.

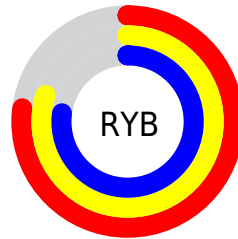
Distribution



Red (80%)

Green (80%)

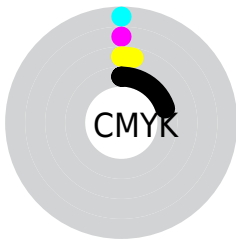
Blue (77%)



Red (77%)

Yellow (80%)

Blue (77%)

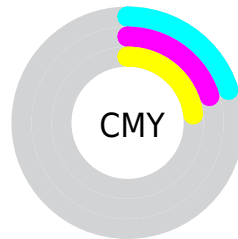


Cyan (0%)

Magenta (0%)

Yellow (3%)

Black (20%)



Cyan (20%)

Magenta (20%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.5727, 60.0543, 61.4333 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 56.5727, 60.0543, 61.4333 by changing the saturation by 10% instead.

■ 56.5727, 60.0543,
61.4333

■ 56.5727, 60.0543,
61.4333

401.8863,
424.7979, 447.8114

■ 40.9011, 43.4624,
44.1421

98.9764, 104.9084,
108.4697

■ 28.4291, 30.2481,
30.4442

126.4392,
133.9395, 139.0520

■ 18.7915, 20.0270,
19.9211

158.5631,
167.8856, 174.9018

■ 11.6228, 12.4147,
12.1542

195.7134,
207.1314, 216.4375

■ 6.5578, 7.0267,
6.7250

238.2555,
252.0611, 264.0779

■ 3.2310, 3.4788,
3.2149

286.5548,

■ 1.2770, 1.3865,

303.0592, 318.2412

1.2054

340.9766,
360.5100, 379.3462

■ 0.1659, 0.2068,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.5727, 60.0543,
61.4333

■ 56.5727, 60.0543,
61.4333

■ 54.3890, 59.1824,
49.9435

■ 59.0761, 61.0580,
74.5919

■ 52.5075, 58.4294,
40.0522

■ 61.9062, 62.1904,
89.4780

■ 50.9163, 57.7925,
31.6896

■ 64.5558, 63.2506,
103.4139

■ 49.6009, 57.2660,
24.7797

■ 64.5590, 63.2522,
103.4140

■ 48.5456, 56.8435,
19.2395

■ 64.5622, 63.2539,
103.4142

■ 47.7332, 56.5182,
14.9781

■ 64.5654, 63.2555,
103.4143

■ 47.1442, 56.2822,
11.8933

■ 64.5686, 63.2572,
103.4145

■ 46.7563, 56.1267,
9.8673

■ 64.5718, 63.2588,
103.4146

■ 46.5425, 56.0408,
8.7582

■ 64.5750, 63.2605,
103.4148

Harmonies

Analogous

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



57.3447, 60.0543, 61.2538



56.5727, 60.0543, 61.4333



55.9420, 60.0543, 62.6590

Triad

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



56.5727, 60.0543, 61.4333



56.1185, 60.0543, 68.7247



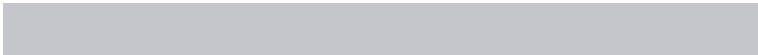
58.5680, 60.0543, 66.1494

Complementary

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



56.5727, 60.0543, 61.4333



53.8937, 56.1641, 65.1301

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.



58.2330, 60.0543, 68.1970



56.5727, 60.0543, 61.4333



56.8157, 60.0543, 69.7061

Square

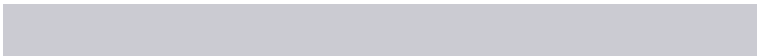
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



56.5727, 60.0543, 61.4333



55.6814, 60.0543, 66.8564



57.5899, 60.0543, 69.5108



58.5015, 60.0543, 63.9431

Rectangle

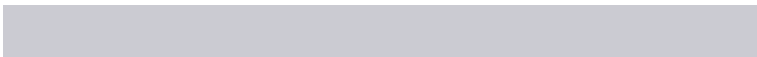
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



56.5727, 60.0543, 61.4333



55.6843, 60.0543, 63.9202



57.5899, 60.0543, 69.5108



58.4985, 60.0543, 66.8799

Sweetspot

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



56.5744, 60.0569, 61.4346



94.6416, 99.8366, 106.7520



54.9480, 56.8026, 60.8922



20.2615, 21.3709, 22.8720



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.



56.5744, 60.0569, 61.4346



93.4488, 99.3593, 100.4792



55.6263, 59.5682, 61.3902



12.3835, 13.1886, 13.1778



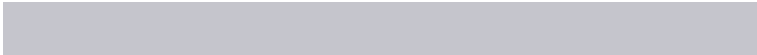
29.2444, 35.2514, 5.2628



1.5089, 1.8187, 0.2715

Inverse Universe

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



53.8937, 56.1641, 65.1301



88.2304, 91.7814, 107.6731



54.8203, 56.6419, 65.1735



11.5832, 12.0263, 14.2812



6.8612, 2.7446, 36.1244



0.3542, 0.1417, 1.8636

Previews

White Background



This preview shows how the XYZ color 56.5727, 60.0543, 61.4333 looks on a white background.

Color Contrast Check

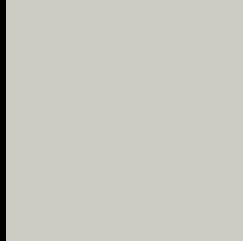
Large Text (above 18pt) WCAG AA × Fail

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 56.5727, 60.0543, 61.4333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

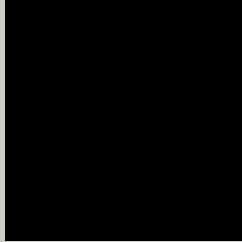
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

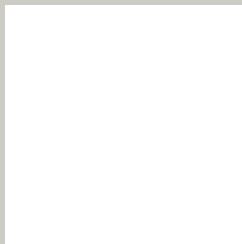
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.5727, 60.0543, 61.4333

Background



This preview shows how black text looks on a background with the XYZ color 56.5727, 60.0543, 61.4333.

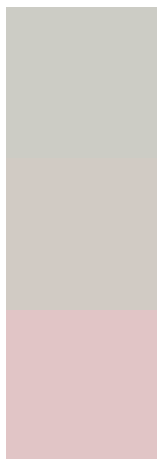


This preview shows how white text looks on a background with the XYZ color 56.5727, 60.0543,

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

56.5727, 60.0543, 61.4333

Protanopia

57.6142, 60.2527, 60.8179

Deuteranopia

61.2106, 60.0173, 61.7844



Tritanopia

59.1432, 60.0484, 74.1190

Trichromacy



Original Color

56.5727, 60.0543, 61.4333

Protanomaly

57.0519, 59.9628, 60.7916

Deuteranomaly

59.4626, 60.1375, 61.8998

Tritanomaly

58.2070, 60.0160, 69.4892

Monochromacy



Original Color

56.5727, 60.0543, 61.4333

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.5272, 59.6254, 63.7879

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.5727, 60.0543, 61.4333 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, 204, 197) looks like.

```
.text, #text, p{  
    color:rgb(204, 204, 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(204, 204, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 204, 197) }
```

Border

The CSS property to change the border of an element to XYZ 56.5727, 60.0543, 61.4333 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, 204, 197) }
```


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

```
.border{ border-color:rgb(204, 204, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 204, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 204, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 204, 197);  
box-shadow:4px 4px 4px 4px rgb(204, 204,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 56.5727, 60.0543, 61.4333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 204, 197) }
```

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

```
.background{ background-color: rgb(204,  
204, 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](#).

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