

Converting Colors

XYZ(56.8936, 61.3664, 58.1365)

Have a look what the booklet for
XYZ(56.8936, 61.3664, 58.1365)
contains.

XYZ(56.8936, 61.3664, 58.1365)	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(56.8936, 61.3664,
58.1365)**

Conversions

Conversions Part 1

Format	Color
Hex	CDCFBF
RGB	205, 207, 191
RGB Percent	80%, 81%, 75%
CMY	0.1961, 0.1882, 0.2510
CMYK	0.01, 0.00, 0.08, 0.19
HSL	68°, 14%, 78%
HSV	68°, 8%, 81%
XYZ	56.8936, 61.3664, 58.1365
YIQ	204.5780, 3.9440, -5.4000

Conversions

Conversions Part 2

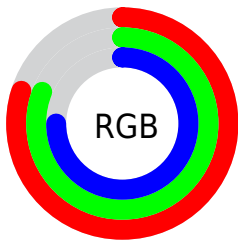
Format	Color
R_{YB}	191, 207, 193
Decimal	13488063
CIE Lab	82.58, -3.51, 7.70
CIE LCh	83, 8.466, 114.489
Yxy	61.3664, 0.3225, 0.3479
Android (android.graphics.Color)	4291678143 (0xFFCDCFBF)
YUV	204.5780, -6.6940, 0.3701
Hunter-Lab	78.3367, -7.4501, 10.8344

Details

The XYZ color **56.8936, 61.3664, 58.1365** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.8881, 53.1058, 66.5504**, and the grayscale version is **57.8012, 60.8113, 66.2235**.

A 20% lighter version of the original color is **93.7885, 99.4954, 102.2570**, and **28.7412, 31.1968, 28.5515** is the 20% darker color. If you saturate the color by 10%, you get **54.0660, 60.1554, 46.9413**, and if you desaturate by 10%, it is **60.0584, 62.7176, 71.0308**.

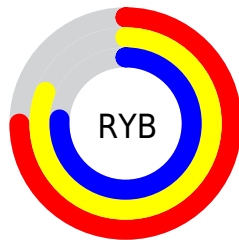
Distribution



Red (80%)

Green (81%)

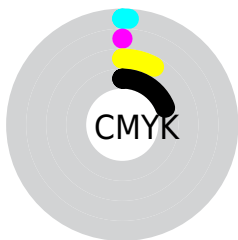
Blue (75%)



Red (75%)

Yellow (81%)

Blue (76%)

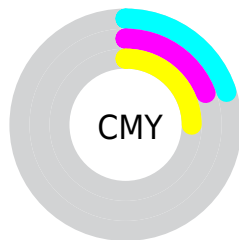


Cyan (1%)

Magenta (0%)

Yellow (8%)

Black (19%)



Cyan (20%)

Magenta (19%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.8936, 61.3664, 58.1365 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 56.8936, 61.3664, 58.1365 by changing the saturation by 10% instead.

■ 56.8936, 61.3664,
58.1365

■ 56.8936, 61.3664,
58.1365

403.0711,
429.6162, 435.3068

■ 41.1596, 44.5209,
41.5030

■ 99.4422, 106.8093,
103.6383

■ 28.6321, 31.0803,
28.3896

126.9875,
136.1755, 133.3437

■ 18.9455, 20.6600,
18.3780

159.2006,
170.4840, 168.2435

■ 11.7347, 12.8757,
11.0495

196.4469,
210.1194, 208.7562

■ 6.6342, 7.3430,
5.9855

239.0918,
255.4658, 255.3003

■ 3.2787, 3.6775,
2.7676

287.5005,

■ 1.3028, 1.4949,

306.9079, 308.2944

0.9772

342.0385,
364.8298, 368.1571

■ 0.1853, 0.2851,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.8936, 61.3664,
58.1365

■ 56.8936, 61.3664,
58.1365

■ 54.0660, 60.1554,
46.9413

■ 60.0584, 62.7176,
71.0308

■ 51.5572, 59.0713,
37.3703

■ 63.5682, 64.2062,
85.6867

■ 49.3543, 58.1109,
29.3493

■ 67.4365, 65.8396,
102.1687

■ 47.4418, 57.2680,
22.7965

■ 68.4976, 66.3515,
103.8047

45.8026, 56.5359,
17.6225

69.2667, 66.7480,
103.8406

44.4180, 55.9068,
13.7286

70.0480, 67.1508,
103.8772

43.2666, 55.3724,
11.0025

70.8415, 67.5598,
103.9143

42.3234, 54.9226,
9.3128

71.6472, 67.9752,
103.9521

41.5527, 54.5431,
8.4727

72.4652, 68.3969,
103.9903

Harmonies

Analogous

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



58.6624, 61.3664, 57.3633



56.8936, 61.3664, 58.1365



55.5347, 61.3664, 61.1839

Triad

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



56.8936, 61.3664, 58.1365



56.3251, 61.3664, 75.2795



61.8666, 61.3664, 67.7811

Complementary

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



56.8936, 61.3664, 58.1365



51.8881, 53.1058, 66.5504

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.



61.2112, 61.3664, 72.7869



56.8936, 61.3664, 58.1365



57.9927, 61.3664, 77.2574

Square

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



56.8936, 61.3664, 58.1365



55.2113, 61.3664, 71.0426



59.7841, 61.3664, 76.3225



61.5576, 61.3664, 62.7634

Rectangle

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



56.8936, 61.3664, 58.1365



55.0315, 61.3664, 64.1828



59.7841, 61.3664, 76.3225



61.7513, 61.3664, 69.5235

Sweetspot

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



56.8953, 61.3691, 58.1378



94.0050, 99.5549, 104.6217



54.1787, 55.1097, 57.0728



20.1319, 21.3135, 22.4381



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.



56.8953, 61.3691, 58.1378



90.5230, 98.0680, 90.5391



54.7799, 60.2785, 58.0388



12.6517, 13.7194, 12.5933



26.1305, 34.3397, 5.2510



1.5028, 1.9416, 0.2956

Inverse Universe

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



51.8881, 53.1058, 66.5504



81.1567, 82.6107, 106.2758



53.9468, 54.1671, 66.6468



11.2993, 11.4876, 14.8654



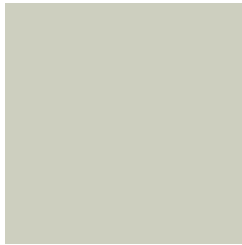
7.4068, 2.9986, 37.3809



0.4607, 0.1917, 2.0923

Previews

White Background



This preview shows how the XYZ color 56.8936, 61.3664, 58.1365 looks on a white background.

Color Contrast Check

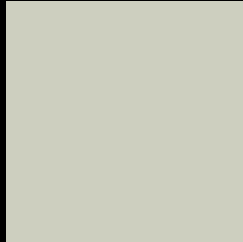
Large Text (above 18pt) WCAG AA × Fail

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 56.8936, 61.3664, 58.1365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

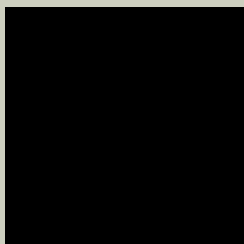
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

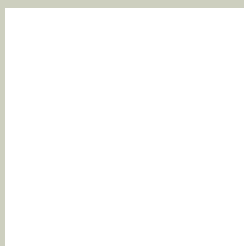
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.8936, 61.3664, 58.1365

Background



This preview shows how black text looks on a background with the XYZ color 56.8936, 61.3664, 58.1365.



This preview shows how white text looks on a background with the XYZ color 56.8936, 61.3664,

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

56.8936, 61.3664, 58.1365

Protanopia

58.5662, 61.5265, 57.5042

Deuteranopia

62.4528, 61.0614, 58.9465



Tritanopia

60.4366, 61.3817, 75.6803

Trichromacy



Original Color

56.8936, 61.3664, 58.1365

Protanomaly

57.9439, 61.5620, 57.5439

Deuteranomaly

60.2199, 60.9512, 58.4600

Tritanomaly

59.1139, 61.1991, 69.0186

Monochromacy



Original Color

56.8936, 61.3664, 58.1365

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.6735, 61.2919, 63.4344

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.8936, 61.3664, 58.1365 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(205, 207, 191)` looks like.

```
.text, #text, p{  
    color:rgb(205, 207, 191)  
}
```

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(205, 207, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 207, 191) }
```

Border

The CSS property to change the border of an element to XYZ 56.8936, 61.3664, 58.1365 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(205, 207, 191) }
```


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

```
.border{ border-color:rgb(205, 207, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 207, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 207, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 207, 191);  
box-shadow:4px 4px 4px 4px rgb(205, 207,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 56.8936, 61.3664, 58.1365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 207, 191) }
```

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

```
.background{ background-color: rgb(205,  
207, 191) }
```

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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