

Converting Colors

XYZ(58.0640, 58.7346, 61.7130)

Have a look what the booklet for
XYZ(58.0640, 58.7346, 61.7130)
contains.

XYZ(58.1187, 58.7615, 61.7050)	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(58.1187, 58.7615,
61.7050)**

Conversions

Conversions Part 1

Format	Color
Hex	D6C6C6
RGB	214, 198, 198
RGB Percent	84%, 78%, 78%
CMY	0.1608, 0.2235, 0.2235
CMYK	0.00, 0.07, 0.07, 0.16
HSL	0°, 16%, 81%
HSV	0°, 7%, 84%
XYZ	58.1187, 58.7615, 61.7050
YIQ	202.7840, 9.5360, 3.3920

Conversions

Conversions Part 2

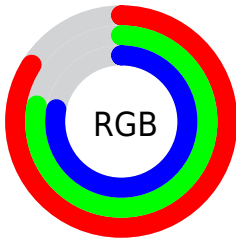
Format	Color
RYB	214, 198, 198
Decimal	14075590
CIELab	81.16, 5.59, 2.01
CIElCh	81, 5.943, 19.773
Yxy	58.7615, 0.3254, 0.3290
Android (android.graphics.Color)	4292265670 (0xFFD6C6C6)
YUV	202.7840, -2.3585, 9.8364
Hunter-Lab	76.6560, 1.1861, 5.9332

Details

The XYZ color **58.1187, 58.7615, 61.7050** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.4728, 64.9530, 73.0218**, and the grayscale version is **56.6408, 59.5905, 64.8940**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.3054, 29.3311, 30.5025** is the 20% darker color. If you saturate the color by 10%, you get **51.2732, 48.7451, 48.0933**, and if you desaturate by 10%, it is **66.0071, 70.3041, 77.3864**.

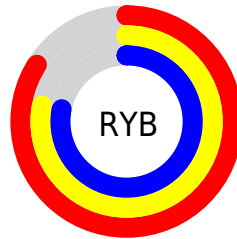
Distribution



Red (84%)

Green (78%)

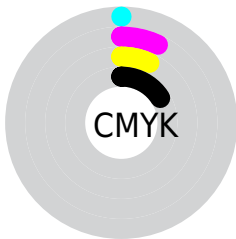
Blue (78%)



Red (84%)

Yellow (78%)

Blue (78%)

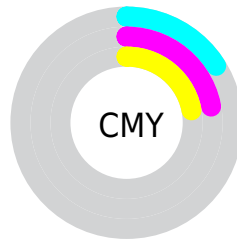


Cyan (0%)

Magenta (7%)

Yellow (7%)

Black (16%)



Cyan (16%)

Magenta (22%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.1187, 58.7615, 61.7050 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 58.1187, 58.7615, 61.7050 by changing the saturation by 10% instead.

■ 58.1187, 58.7615,
61.7050

■ 58.1187, 58.7615,
61.7050

407.5748,
420.0175, 448.8321

■ 42.1477, 42.4212,
44.3601

101.2177,
103.0310, 108.8665

■ 29.4086, 29.4312,
30.6145

129.0764,
131.7288, 139.5202

■ 19.5360, 19.4073,
20.0494

161.6283,
165.3147, 175.4473

■ 12.1645, 11.9649,
12.2466

199.2389,
204.1730, 217.0663

■ 6.9288, 6.7198,
6.7872

242.2735,
248.6880, 264.7958

■ 3.4635, 3.2875,
3.2530

291.0975,

■ 1.4034, 1.2836,

299.2441, 319.0542

1.2252

346.0761,
356.2258, 380.2601

■ 0.2586, 0.1285,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.1187, 58.7615,
61.7050

■ 58.1187, 58.7615,
61.7050

■ 51.2732, 48.7451,
48.0933

■ 66.0071, 70.3041,
77.3864

■ 45.4223, 40.1838,
36.4612

■ 74.9743, 83.4250,
95.2149

■ 40.5212, 33.0123,
26.7179

■ 81.5419, 93.0363,
108.2678

■ 36.5200, 27.1573,
18.7636

■ 33.3638, 22.5387,
12.4897

■ 30.9921, 19.0681,
7.7755

■ 29.3363, 16.6448,
4.4846

■ 28.3158, 15.1512,
2.4569

■ 27.8206, 14.4264,
1.4733

Harmonies

Analogous

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



58.2239, 58.7615, 65.1980



58.1187, 58.7615, 61.7050



57.4008, 58.7615, 58.9215

Triad

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



58.1187, 58.7615, 61.7050



54.0552, 58.7615, 59.6833



55.4299, 58.7615, 70.9198

Complementary

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



58.1187, 58.7615, 61.7050



59.4728, 64.9530, 73.0218

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.



54.3294, 58.7615, 69.3228



58.1187, 58.7615, 61.7050



53.5435, 58.7615, 62.7798

Square

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



58.1187, 58.7615, 61.7050



55.0505, 58.7615, 57.7844



53.6432, 58.7615, 66.3129



56.6593, 58.7615, 70.6061

Rectangle

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



58.1187, 58.7615, 61.7050



56.6772, 58.7615, 57.8016



53.6432, 58.7615, 66.3129



55.0330, 58.7615, 70.5864

Sweetspot

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



58.1203, 58.7641, 61.7063



92.6345, 96.4657, 104.0977



60.0641, 59.5402, 71.9458



19.8529, 20.6846, 22.3315



0.0000, 0.0000, 0.0000



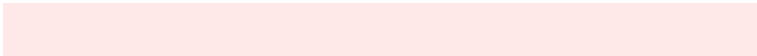
20.3446, 21.4041, 23.3091

Same Dimension

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



58.1203, 58.7641, 61.7063



84.6847, 84.8333, 88.2923



59.9967, 62.5168, 62.3317



12.4235, 12.4213, 12.9035



16.7623, 8.6419, 0.7846



1.0111, 0.5214, 0.0473

Inverse Universe

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



59.4728, 64.9530, 73.0218



87.1033, 95.9009, 108.5276



57.4984, 61.0043, 72.3637



12.7920, 14.1074, 15.9863



21.8637, 31.9891, 43.4753



1.3188, 1.9296, 2.6223

Previews

White Background



This preview shows how the XYZ color 58.1187, 58.7615, 61.7050 looks on a white background.

Color Contrast Check

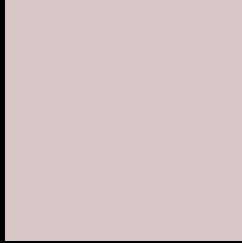
Large Text (above 18pt) WCAG AA × Fail

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 58.1187, 58.7615, 61.7050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

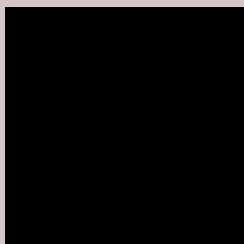
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

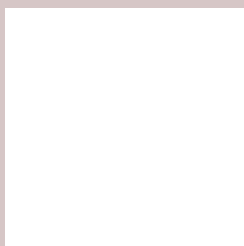
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.1187, 58.7615, 61.7050

Background



This preview shows how black text looks on a background with the XYZ color 58.1187, 58.7615, 61.7050.



This preview shows how white text looks on a background with the XYZ color 58.1187, 58.7615,

61.7050.

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

58.1187, 58.7615, 61.7050

Protanopia

56.7656, 59.0652, 63.0524

Deuteranopia

59.9481, 58.6833, 62.2002



Tritanopia

59.8167, 58.7819, 69.8214

Trichromacy



Original Color

58.1187, 58.7615, 61.7050

Protanomaly

57.2576, 58.9874, 62.4007

Deuteranomaly

59.2621, 58.6634, 62.2326

Tritanomaly

59.1312, 58.8358, 66.6324

Monochromacy



Original Color

58.1187, 58.7615, 61.7050

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.1614, 59.2557, 63.6831

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.1187, 58.7615, 61.7050 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(214, 198, 198) looks like.

```
.text, #text, p{  
    color:rgb(214, 198, 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(214, 198, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 198, 198) }
```

Border

The CSS property to change the border of an element to XYZ 58.1187, 58.7615, 61.7050 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(214, 198, 198) }
```


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

```
.border{ border-color:rgb(214, 198, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 198, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 198, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 198, 198);  
box-shadow:4px 4px 4px 4px rgb(214, 198,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 58.1187, 58.7615, 61.7050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 198, 198) }
```

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

```
.background{ background-color: rgb(214,  
198, 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](#).

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