

Converting Colors

XYZ(58.2306, 61.5597, 65.8927)

Have a look what the booklet for
XYZ(58.2306, 61.5597, 65.8927)
contains.

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Color

**XYZ(58.1472, 61.4814,
65.9291)**

Conversions

Conversions Part 1

Format	Color
Hex	CDCECC
RGB	205, 206, 204
RGB Percent	80%, 81%, 80%
CMY	0.1961, 0.1921, 0.2000
CMYK	0.00, 0.00, 0.01, 0.19
HSL	90°, 2%, 80%
HSV	90°, 1%, 81%
XYZ	58.1472, 61.4814, 65.9291
YIQ	205.4730, 0.0460, -0.8340

Conversions

Conversions Part 2

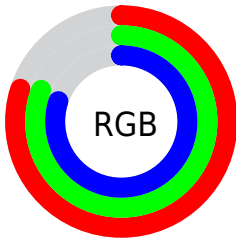
Format	Color
R_{YB}	204, 206, 205
Decimal	13487820
CIE Lab	82.64, -0.70, 0.86
CIE LCh	83, 1.112, 129.138
Yxy	61.4814, 0.3134, 0.3313
Android (android.graphics.Color)	4291677900 (0xFFCDCECC)
YUV	205.4730, -0.7262, -0.4148
Hunter-Lab	78.4101, -4.8459, 5.0346

Details

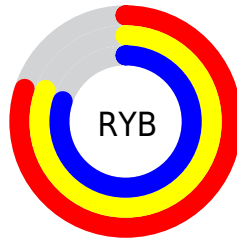
The XYZ color **58.1472, 61.4814, 65.9291** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.9127, 60.6227, 67.0448**, and the grayscale version is **58.3355, 61.3735, 66.8357**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.4958, 31.2378, 33.3291** is the 20% darker color. If you saturate the color by 10%, you get **53.0847, 59.1402, 53.6362**, and if you desaturate by 10%, it is **63.7279, 64.0555, 79.9549**.

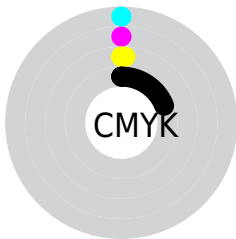
Distribution



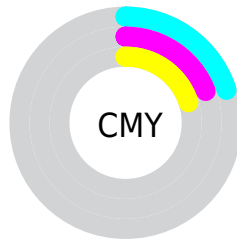
- Red (80%)
- Green (81%)
- Blue (80%)



- Red (80%)
- Yellow (81%)
- Blue (80%)



- Cyan (0%)
- Magenta (0%)
- Yellow (1%)
- Black (19%)



- Cyan (20%)
- Magenta (19%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.1472, 61.4814, 65.9291 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 58.1472, 61.4814, 65.9291 by changing the saturation by 10% instead.

■ 58.1472, 61.4814,
65.9291

■ 58.1472, 61.4814,
65.9291

407.6792,
430.0369, 464.5206

■ 42.1707, 44.6138,
47.7587

101.2589,
106.9757, 115.0106

■ 29.4267, 31.1533,
33.2772

129.1249,
136.3711, 146.7588

■ 19.5497, 20.7156,
22.0661

161.6847,
170.7113, 183.8700

■ 12.1745, 12.9163,
13.7067

199.3037,
210.3806, 226.7629

■ 6.9357, 7.3709,
7.7805

242.3473,
255.7634, 275.8558

■ 3.4679, 3.6951,
3.8691

291.1809,

■ 1.4058, 1.5045,

307.2441, 331.5673

1.5538

346.1697,
365.2071, 394.3161

■ 0.2603, 0.2919,
0.2575

■ 0.0000, 0.0000,
0.0000

■ 58.1472, 61.4814,
65.9291

■ 58.1472, 61.4814,
65.9291

■ 53.0847, 59.1402,
53.6362

■ 63.7279, 64.0555,
79.9549

■ 48.5189, 57.0170,
43.0048

■ 69.8371, 66.8611,
95.7730

■ 44.4342, 55.1071,
33.9647

■ 74.7026, 69.1917,
104.0258

■ 40.8122, 53.4028,
26.4392

■ 78.2285, 71.0094,
104.1908

■ 37.6333, 51.8956,
20.3450

■ 81.3625, 72.6250,
104.3375

■ 34.8761, 50.5765,
15.5909

■ 32.5170, 49.4358,
12.0752

■ 30.5296, 48.4622,
9.6817

■ 28.8831, 47.6429,
8.2719

Harmonies

Analogous

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



58.3634, 61.4814, 65.6542



58.1472, 61.4814, 65.9291



58.0087, 61.4814, 66.4761

Triad

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



58.1472, 61.4814, 65.9291



58.2730, 61.4814, 68.1778



58.8902, 61.4814, 66.7344

Complementary

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



58.1472, 61.4814, 65.9291



57.9127, 60.6227, 67.0448

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.



58.8659, 61.4814, 67.4117



58.1472, 61.4814, 65.9291



58.5091, 61.4814, 68.2481

Square

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



58.1472, 61.4814, 65.9291



58.0812, 61.4814, 67.7753



58.7262, 61.4814, 67.9668



58.7927, 61.4814, 66.1171

Rectangle

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



58.1472, 61.4814, 65.9291



57.9788, 61.4814, 66.9230



58.7262, 61.4814, 67.9668



58.8960, 61.4814, 66.9626

Sweetspot

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



58.1489, 61.4840, 65.9304

95.0500, 100.0000, 108.9000



58.1863, 61.1464, 65.8633



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



58.1489, 61.4840, 65.9304



94.1736, 99.5953, 106.7301



57.8740, 61.3423, 65.9176



12.5211, 13.2369, 14.2018



17.1325, 29.0074, 4.6960



0.9714, 1.5416, 0.2464

Inverse Universe

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



57.9127, 60.6227, 67.0448



93.7753, 98.1432, 108.6088



58.1894, 60.7654, 67.0577



12.4720, 13.0579, 14.4335



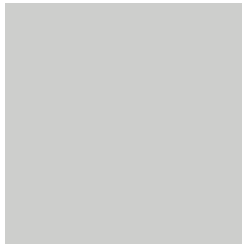
10.4309, 4.5849, 36.2915



0.6257, 0.2817, 1.8763

Previews

White Background



This preview shows how the XYZ color 58.1472, 61.4814, 65.9291 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 58.1472, 61.4814, 65.9291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

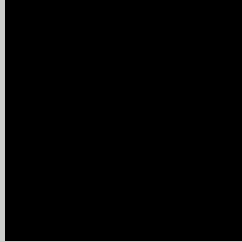
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

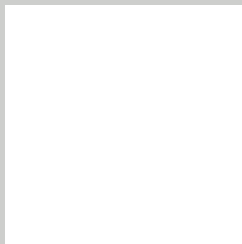
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.1472, 61.4814, 65.9291

Background



This preview shows how black text looks on a background with the XYZ color 58.1472, 61.4814, 65.9291.

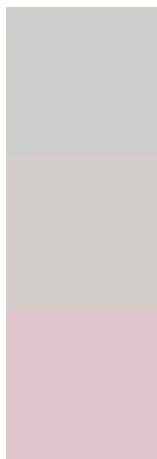


This preview shows how white text looks on a background with the XYZ color 58.1472, 61.4814,

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

58.1472, 61.4814, 65.9291

Protanopia

59.1892, 61.6761, 65.2850

Deuteranopia

62.4942, 61.2622, 66.2886



Tritanopia

60.2433, 61.6184, 76.4285

Trichromacy



Original Color

58.1472, 61.4814, 65.9291

Protanomaly

58.6232, 61.3843, 65.2585

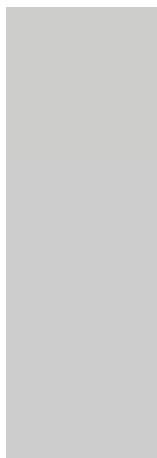
Deuteranomaly

61.0534, 61.5543, 66.4209

Tritanomaly

59.4225, 61.6395, 72.3840

Monochromacy



Original Color

58.1472, 61.4814, 65.9291

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.0276, 61.0496, 66.4830

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.1472, 61.4814, 65.9291 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, 206, 204) looks like.

```
.text, #text, p{  
    color:rgb(205, 206, 204)  
}
```

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, 206, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 206, 204) }
```

Border

The CSS property to change the border of an element to XYZ 58.1472, 61.4814, 65.9291 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, 206, 204) }
```

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

```
.border{ border-color:rgb(205, 206, 204) }
```

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

Here you see how a box with a 4 pixel rgb(205, 206, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 206, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 206, 204);  
box-shadow:4px 4px 4px 4px rgb(205, 206,  
204) }
```


Background

The CSS property to change the background color of an element to XYZ 58.1472, 61.4814, 65.9291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 206, 204) }
```

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

```
.background{ background-color: rgb(205,  
206, 204) }
```

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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