

Converting Colors

XYZ(58.8471, 61.3471, 66.2548)

Have a look what the booklet for
XYZ(58.8471, 61.3471, 66.2548)
contains.

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Color

**XYZ(58.8632, 61.4803,
66.5221)**

Conversions

Conversions Part 1

Format	Color
Hex	D0CDCD
RGB	208, 205, 205
RGB Percent	82%, 80%, 80%
CMY	0.1843, 0.1961, 0.1961
CMYK	0.00, 0.01, 0.01, 0.18
HSL	0°, 3%, 81%
HSV	0°, 1%, 82%
XYZ	58.8632, 61.4803, 66.5221
YIQ	205.8970, 1.7880, 0.6360

Conversions

Conversions Part 2

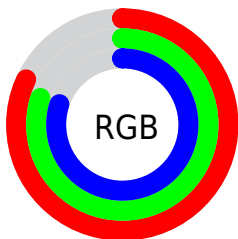
Format	Color
R _Y B	208, 205, 205
Decimal	13684173
CIE Lab	82.64, 1.04, 0.36
CIE LCh	83, 1.095, 18.971
Yxy	61.4803, 0.3150, 0.3290
Android (android.graphics.Color)	4291874253 (0xFFD0CDCD)
YUV	205.8970, -0.4422, 1.8443
Hunter-Lab	78.4094, -3.2135, 4.5852

Details

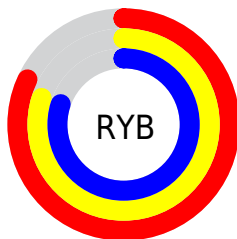
The XYZ color **58.8632, 61.4803, 66.5221** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.1180, 62.6442, 68.6511**, and the grayscale version is **58.6037, 61.6557, 67.1431**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.9789, 31.2376, 33.7276** is the 20% darker color. If you saturate the color by 10%, you get **51.8737, 51.2553, 52.6174**, and if you desaturate by 10%, it is **66.8500, 73.1640, 82.4076**.

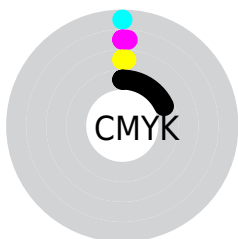
Distribution



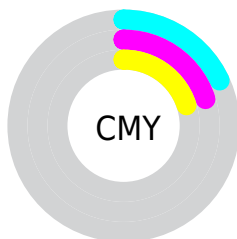
- Red (82%)
- Green (80%)
- Blue (80%)



- Red (82%)
- Yellow (80%)
- Blue (80%)



- Cyan (0%)
- Magenta (1%)
- Yellow (1%)
- Black (18%)



- Cyan (18%)
- Magenta (20%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.8632, 61.4803, 66.5221 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 58.8632, 61.4803, 66.5221 by changing the saturation by 10% instead.

■ 58.8632, 61.4803,
66.5221

■ 58.8632, 61.4803,
66.5221

410.2970,
430.0329, 466.6969

■ 42.7490, 44.6129,
48.2372

102.2946,
106.9741, 115.8695

■ 29.8819, 31.1526,
33.6534

130.3424,
136.3692, 147.7691

■ 19.8966, 20.7151,
22.3523

163.0988,
170.7091, 185.0440

■ 12.4277, 12.9159,
13.9152

200.9292,
210.3781, 228.1127

■ 7.1099, 7.3707,
7.9236

244.1988,
255.7605, 277.3938

■ 3.5779, 3.6950,
3.9590

293.2731,

■ 1.4662, 1.5044,

307.2409, 333.3058

1.6029

348.5174,
365.2035, 396.2674

■ 0.3027, 0.2919,
0.2929

■ 0.0000, 0.0000,
0.0000

■ 58.8632, 61.4803,
66.5221

■ 58.8632, 61.4803,
66.5221

■ 51.8737, 51.2553,
52.6174

■ 66.8500, 73.1640,
82.4076

■ 45.8373, 42.4242,
40.6119

■ 75.8655, 86.3521,
100.3429

■ 40.7145, 34.9290,
30.4245

■ 79.8228, 92.1501,
108.1874

■ 36.4606, 28.7048,
21.9666

■ 33.0275, 23.6811,
15.1423

■ 30.3624, 19.7806,
9.8461

■ 28.4061, 16.9170,
5.9605

■ 27.0912, 14.9915,
3.3507

■ 26.3370, 13.8863,
1.8560

Harmonies

Analogous

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



58.8795, 61.4803, 67.1893



58.8632, 61.4803, 66.5221



58.7321, 61.4803, 65.9709

Triad

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



58.8632, 61.4803, 66.5221



58.0952, 61.4803, 66.0964



58.3489, 61.4803, 68.2188

Complementary

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



58.8632, 61.4803, 66.5221



59.1180, 62.6442, 68.6511

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.



58.1393, 61.4803, 67.9218



58.8632, 61.4803, 66.5221



57.9931, 61.4803, 66.6945

Square

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



58.8632, 61.4803, 66.5221



58.2885, 61.4803, 65.7262



58.0092, 61.4803, 67.3628



58.5821, 61.4803, 68.1719

Rectangle

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



58.8632, 61.4803, 66.5221



58.5973, 61.4803, 65.7419



58.0092, 61.4803, 67.3628



58.2733, 61.4803, 68.1558

Sweetspot

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



58.8649, 61.4830, 66.5234

95.0500, 100.0000, 108.9000



59.2298, 61.6276, 68.4490



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.



58.8649, 61.4830, 66.5234



92.6360, 96.4686, 104.0981



59.2247, 62.2024, 66.6433



12.9909, 13.5382, 14.6185



16.2145, 8.3620, 0.7594



0.9070, 0.4683, 0.0426

Inverse Universe

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



59.1180, 62.6442, 68.6511



93.1966, 99.0418, 108.8127



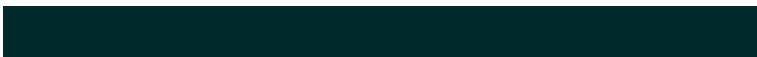
58.7548, 61.9179, 68.5300



13.0640, 13.8736, 15.2330



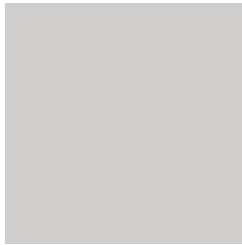
21.1183, 30.8832, 42.0405



1.1812, 1.7276, 2.3508

Previews

White Background



This preview shows how the XYZ color 58.8632, 61.4803, 66.5221 looks on a white background.

Color Contrast Check

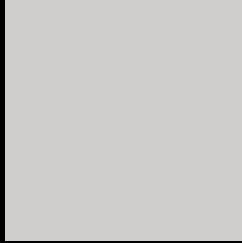
Large Text (above 18pt) WCAG AA × Fail

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 58.8632, 61.4803, 66.5221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

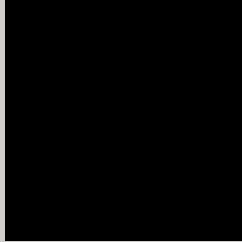
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

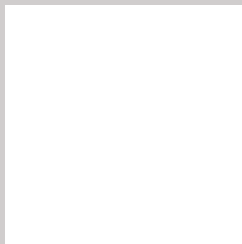
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.8632, 61.4803, 66.5221

Background



This preview shows how black text looks on a background with the XYZ color 58.8632, 61.4803, 66.5221.

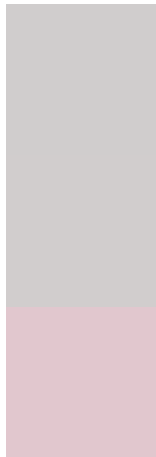


This preview shows how white text looks on a background with the XYZ color 58.8632, 61.4803,

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

58.8632, 61.4803, 66.5221

Protanopia

59.1453, 61.6257, 66.5353

Deuteranopia

62.6153, 61.3106, 66.9265



Tritanopia

60.7205, 61.5280, 75.6936

Trichromacy



Original Color

58.8632, 61.4803, 66.5221

Protanomaly

59.1453, 61.6257, 66.5353

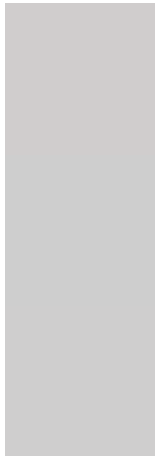
Deuteranomaly

61.2406, 61.2896, 66.9949

Tritanomaly

60.0250, 61.5961, 72.3439

Monochromacy



Original Color

58.8632, 61.4803, 66.5221

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.9440, 61.8642, 67.2268

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.8632, 61.4803, 66.5221 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(208, 205, 205) looks like.

```
.text, #text, p{  
    color:rgb(208, 205, 205)  
}
```

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(208, 205, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 205, 205) }
```

Border

The CSS property to change the border of an element to XYZ 58.8632, 61.4803, 66.5221 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(208, 205, 205) }
```

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

```
.border{ border-color:rgb(208, 205, 205) }
```

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

Here you see how a box with a 4 pixel rgb(208, 205, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 205, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 205, 205);  
box-shadow:4px 4px 4px 4px rgb(208, 205,  
205) }
```


Background

The CSS property to change the background color of an element to XYZ 58.8632, 61.4803, 66.5221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 205, 205) }
```

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

```
.background{ background-color: rgb(208,  
205, 205) }
```

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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