

Converting Colors

XYZ(57.7352, 62.0536, 65.0052)

Have a look what the booklet for
XYZ(57.7352, 62.0536, 65.0052)
contains.

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Color

**XYZ(57.5737, 61.9326,
64.7968)**

Conversions

Conversions Part 1

Format	Color
Hex	CAD0CA
RGB	202, 208, 202
RGB Percent	79%, 82%, 79%
CMY	0.2078, 0.1843, 0.2078
CMYK	0.03, 0.00, 0.03, 0.18
HSL	120°, 6%, 80%
HSV	120°, 3%, 82%
XYZ	57.5737, 61.9326, 64.7968
YIQ	205.5220, -1.6500, -3.1380

Conversions

Conversions Part 2

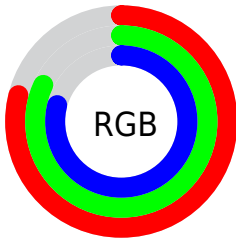
Format	Color
R _Y B	202, 208, 208
Decimal	13291722
CIE Lab	82.88, -3.14, 2.25
CIE LCh	83, 3.864, 144.349
Yxy	61.9326, 0.3124, 0.3360
Android (android.graphics.Color)	4291481802 (0xFFCAD0CA)
YUV	205.5220, -1.7363, -3.0888
Hunter-Lab	78.6973, -7.1324, 6.2706

Details

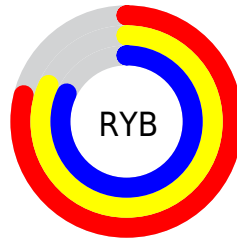
The XYZ color **57.5737, 61.9326, 64.7968** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.5204, 60.2066, 68.2144**, and the grayscale version is **58.3738, 61.4138, 66.8796**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.1136, 31.5452, 32.5714** is the 20% darker color. If you saturate the color by 10%, you get **50.0215, 58.3067, 52.4421**, and if you desaturate by 10%, it is **66.2201, 66.0877, 78.9381**.

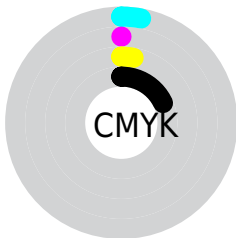
Distribution



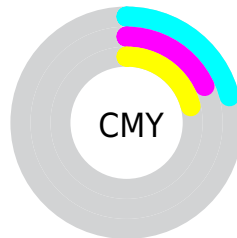
- Red (79%)
- Green (82%)
- Blue (79%)



- Red (79%)
- Yellow (82%)
- Blue (82%)



- Cyan (3%)
- Magenta (0%)
- Yellow (3%)
- Black (18%)



- Cyan (21%)
- Magenta (18%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.5737, 61.9326, 64.7968 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 57.5737, 61.9326, 64.7968 by changing the saturation by 10% instead.

■ 57.5737, 61.9326,
64.7968

■ 57.5737, 61.9326,
64.7968

405.5751,
431.6852, 460.3476

■ 41.7080, 44.9782,
46.8460

100.4283,
107.6281, 113.3681

■ 29.0628, 31.4403,
32.5605

128.1480,
137.1381, 144.8258

■ 19.2728, 20.9343,
21.5216

160.5496,
171.6020, 181.6228

■ 11.9728, 13.0760,
13.3109

197.9985,
211.4043, 224.1778

■ 6.7972, 7.4809,
7.5097

240.8602,
256.9294, 272.9092

■ 3.3808, 3.7646,
3.6996

289.5000,

■ 1.3582, 1.5428,

308.5616, 328.2356

1.4620

344.2831,
366.6854, 390.5756

■ 0.2261, 0.3186,
0.1894

■ 0.0000, 0.0000,
0.0000

■ 57.5737, 61.9326,
64.7968

■ 57.5737, 61.9326,
64.7968

■ 50.0215, 58.3067,
52.4421

■ 66.2201, 66.0877,
78.9381

■ 43.5148, 55.1812,
41.7992

■ 75.9962, 70.7837,
94.9290

■ 38.0093, 52.5366,
32.7938

■ 81.8471, 73.5942,
104.4990

■ 33.4552, 50.3491,
25.3448

■ 29.7986, 48.5926,
19.3638

■ 26.9803, 47.2389,
14.7540

■ 24.9340, 46.2559,
11.4067

■ 23.5830, 45.6070,
9.1971

■ 22.8356, 45.2479,
7.9746

Harmonies

Analogous

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



58.2075, 61.9326, 63.3425



57.5737, 61.9326, 64.7968



57.2862, 61.9326, 66.9836

Triad

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



57.5737, 61.9326, 64.7968



58.7076, 61.9326, 72.1006



60.3357, 61.9326, 65.5613

Complementary

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



57.5737, 61.9326, 64.7968



58.5204, 60.2066, 68.2144

Split Complementary

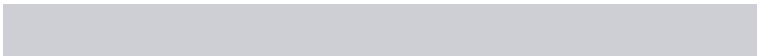
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



60.4727, 61.9326, 67.8866



57.5737, 61.9326, 64.7968



59.5276, 61.9326, 71.6982

Square

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



57.5737, 61.9326, 64.7968



57.9369, 61.9326, 71.2289



60.1756, 61.9326, 70.1420



59.8031, 61.9326, 63.7765

Rectangle

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



57.5737, 61.9326, 64.7968



57.3276, 61.9326, 68.5768



60.1756, 61.9326, 70.1420



60.4298, 61.9326, 66.3041

Sweetspot

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



57.5754, 61.9353, 64.7982



93.7102, 99.3564, 106.7084



59.2073, 62.7403, 64.8675



20.0720, 21.2731, 22.8631



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.



57.5754, 61.9353, 64.7982



91.0839, 98.0949, 102.4127



57.9223, 62.0740, 66.6250



12.6203, 13.6693, 14.1235



14.0581, 28.1162, 4.6860



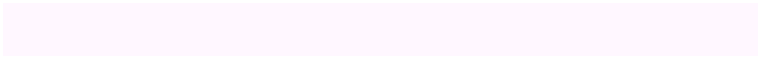
0.7860, 1.5721, 0.2620

Inverse Universe

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



58.5204, 60.2066, 68.2144



92.6579, 95.2158, 108.1026



58.1666, 60.0651, 66.3510



12.8923, 13.1719, 15.1066



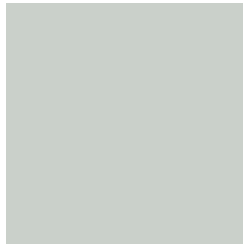
23.3080, 11.1960, 38.1251



1.3032, 0.6260, 2.1317

Previews

White Background



This preview shows how the XYZ color 57.5737, 61.9326, 64.7968 looks on a white background.

Color Contrast Check

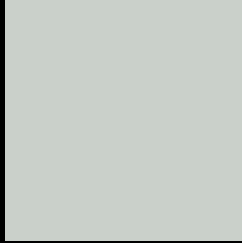
Large Text (above 18pt) WCAG AA × Fail

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 57.5737, 61.9326, 64.7968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

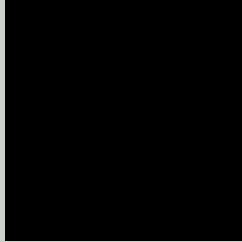
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

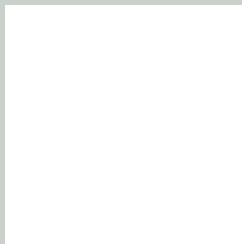
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.5737, 61.9326, 64.7968

Background



This preview shows how black text looks on a background with the XYZ color 57.5737, 61.9326, 64.7968.



This preview shows how white text looks on a background with the XYZ color 57.5737, 61.9326,

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

57.5737, 61.9326, 64.7968

Protanopia

59.1206, 61.6817, 63.4333

Deuteranopia

63.2319, 61.9991, 65.7611



Tritanopia

60.0593, 61.8622, 77.1818

Trichromacy



Original Color

57.5737, 61.9326, 64.7968

Protanomaly

58.6263, 61.7696, 64.0911

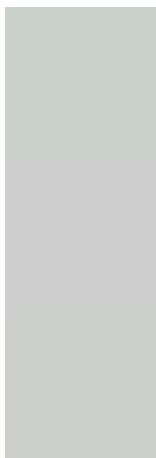
Deuteranomaly

61.0489, 61.9291, 65.2358

Tritanomaly

59.1107, 61.8350, 72.4382

Monochromacy



Original Color

57.5737, 61.9326, 64.7968

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.5091, 62.0126, 66.6435

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5737, 61.9326, 64.7968 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(202, 208, 202)` looks like.

```
.text, #text, p{  
    color:rgb(202, 208, 202)  
}
```

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(202, 208, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 208, 202) }
```

Border

The CSS property to change the border of an element to XYZ 57.5737, 61.9326, 64.7968 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(202, 208, 202) }
```


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

```
.border{ border-color:rgb(202, 208, 202) }
```

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

Here you see how a box with a 4 pixel rgb(202, 208, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 208, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 208, 202);  
box-shadow:4px 4px 4px 4px rgb(202, 208,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5737, 61.9326, 64.7968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 208, 202) }
```

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

```
.background{ background-color: rgb(202,  
208, 202) }
```

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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