

Converting Colors

XYZ(57.6620, 63.3192, 61.7309)

Have a look what the booklet for
XYZ(57.6620, 63.3192, 61.7309)
contains.

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Color

**XYZ(57.7294, 63.1763,
61.9749)**

Conversions

Conversions Part 1

Format	Color
Hex	CAD3C5
RGB	202, 211, 197
RGB Percent	79%, 83%, 77%
CMY	0.2078, 0.1725, 0.2274
CMYK	0.04, 0.00, 0.07, 0.17
HSL	99°, 14%, 80%
HSV	99°, 7%, 83%
XYZ	57.7294, 63.1763, 61.9749
YIQ	206.7130, -0.8700, -6.2620

Conversions

Conversions Part 2

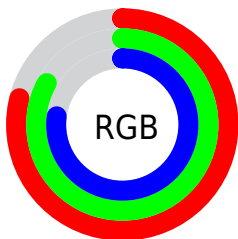
Format	Color
RYB	197, 211, 206
Decimal	13292485
CIELab	83.54, -5.59, 5.86
CIELCh	84, 8.103, 133.643
Yxy	63.1763, 0.3157, 0.3455
Android (android.graphics.Color)	4291482565 (0xFFCAD3C5)
YUV	206.7130, -4.7885, -4.1333
Hunter-Lab	79.4835, -9.4504, 9.4089

Details

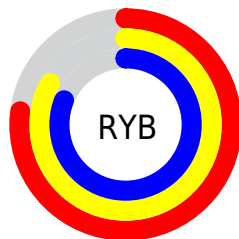
The XYZ color **57.7294, 63.1763, 61.9749** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.1802, 57.7592, 69.7662**, and the grayscale version is **59.1552, 62.2359, 67.7749**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **29.2276, 32.3930, 30.6986** is the 20% darker color. If you saturate the color by 10%, you get **51.9683, 60.4683, 49.9555**, and if you desaturate by 10%, it is **64.1553, 66.1916, 75.7946**.

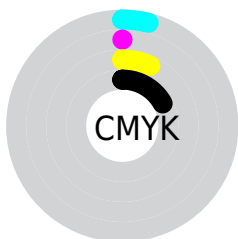
Distribution



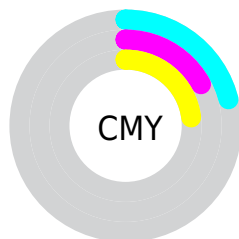
- Red (79%)
- Green (83%)
- Blue (77%)



- Red (77%)
- Yellow (83%)
- Blue (81%)



- Cyan (4%)
- Magenta (0%)
- Yellow (7%)
- Black (17%)



- Cyan (21%)
- Magenta (17%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.7294, 63.1763, 61.9749 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 57.7294, 63.1763, 61.9749 by changing the saturation by 10% instead.

■ 57.7294, 63.1763,
61.9749

■ 57.7294, 63.1763,
61.9749

406.1470,
436.2090, 449.8447

■ 41.8336, 45.9838,
44.5768

100.6539,
109.4238, 109.2605

■ 29.1615, 32.2331,
30.7837

128.4133,
139.2477, 139.9850

■ 19.3479, 21.5396,
20.1771

160.8580,
174.0508, 175.9888

■ 12.0275, 13.5190,
12.3385

198.3532,
214.2176, 217.6903

■ 6.8347, 7.7869,
6.8493

241.2643,
260.1324, 265.5081

■ 3.4044, 3.9589,
3.2910

289.9568,

■ 1.3710, 1.6506,

312.1796, 319.8607

1.2451

344.7959,
370.7437, 381.1667

■ 0.2354, 0.3914,
0.0161

■ 0.0000, 0.0000,
0.0000

■ 57.7294, 63.1763,
61.9749

■ 57.7294, 63.1763,
61.9749

■ 51.9683, 60.4683,
49.9555

■ 64.1553, 66.1916,
75.7946

■ 46.8445, 58.0494,
39.6583

■ 71.2618, 69.5153,
91.4802

■ 42.3361, 55.9121,
31.0055

■ 78.2051, 72.8128,
104.5402

■ 38.4180, 54.0452,
23.9118

■ 82.5855, 75.0710,
104.7452

■ 35.0633, 52.4369,
18.2841

■ 32.2426, 51.0742,
14.0195

■ 29.9233, 49.9430,
11.0017

■ 28.0688, 49.0272,
9.0949

■ 26.6339, 48.3075,
8.1243

Harmonies

Analogous

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



59.2482, 63.1763, 59.7467



57.7294, 63.1763, 61.9749



56.8412, 63.1763, 66.0804

Triad

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



57.7294, 63.1763, 61.9749



59.0941, 63.1763, 78.5683



63.4147, 63.1763, 66.5153

Complementary

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



57.7294, 63.1763, 61.9749



57.1802, 57.7592, 69.7662

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.



63.3715, 63.1763, 71.5691



57.7294, 63.1763, 61.9749



60.8533, 63.1763, 78.6989

Square

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



57.7294, 63.1763, 61.9749



57.6185, 63.1763, 75.7350



62.4262, 63.1763, 76.0835



62.5432, 63.1763, 62.2798

Rectangle

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



57.7294, 63.1763, 61.9749



56.7152, 63.1763, 69.4093



62.4262, 63.1763, 76.0835



63.5072, 63.1763, 68.1709

Sweetspot

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



57.7312, 63.1790, 61.9763



93.0435, 99.0592, 104.5767



58.9837, 61.9612, 61.6752



19.9362, 21.2126, 22.4290



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.



57.7312, 63.1790, 61.9763



87.2755, 96.3517, 92.2924



56.6154, 62.5790, 63.0479



12.0489, 13.4087, 12.5651



15.9268, 29.0795, 4.7735



0.9761, 1.6700, 0.2709

Inverse Universe

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



57.1802, 57.7592, 69.7662



86.2550, 86.3126, 106.7216



58.3577, 58.3931, 68.6064



11.8843, 11.7892, 14.8928



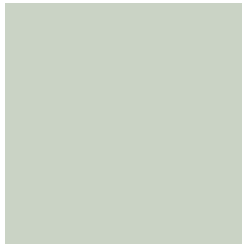
13.3062, 6.0399, 37.6570



0.8287, 0.3814, 2.1095

Previews

White Background



This preview shows how the XYZ color 57.7294, 63.1763, 61.9749 looks on a white background.

Color Contrast Check

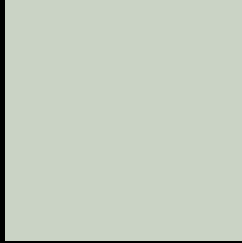
Large Text (above 18pt) WCAG AA × Fail

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 57.7294, 63.1763, 61.9749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

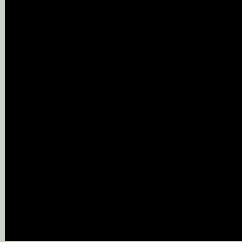
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

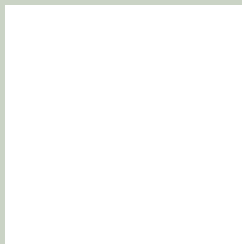
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.7294, 63.1763, 61.9749

Background



This preview shows how black text looks on a background with the XYZ color 57.7294, 63.1763, 61.9749.



This preview shows how white text looks on a background with the XYZ color 57.7294, 63.1763,

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

57.7294, 63.1763, 61.9749

Protanopia

60.1875, 63.0129, 60.6202

Deuteranopia

64.1504, 62.8857, 62.7899



Tritanopia

61.0857, 63.0752, 78.7672

Trichromacy



Original Color

57.7294, 63.1763, 61.9749

Protanomaly

59.0980, 62.7989, 61.2312

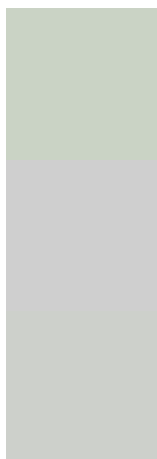
Deuteranomaly

61.5396, 62.9555, 62.3342

Tritanomaly

59.8703, 62.9459, 72.6126

Monochromacy



Original Color

57.7294, 63.1763, 61.9749

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.5122, 62.4027, 65.4609

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.7294, 63.1763, 61.9749 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, 211, 197) looks like.

```
.text, #text, p{  
    color:rgb(202, 211, 197)  
}
```

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, 211, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 211, 197) }
```

Border

The CSS property to change the border of an element to XYZ 57.7294, 63.1763, 61.9749 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, 211, 197) }
```


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

```
.border{ border-color:rgb(202, 211, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 211, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 211, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 211, 197);  
box-shadow:4px 4px 4px 4px rgb(202, 211,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 57.7294, 63.1763, 61.9749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 211, 197) }
```

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

```
.background{ background-color: rgb(202,  
211, 197) }
```

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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