

Converting Colors

XYZ(58.7903, 66.0070, 59.9588)

Have a look what the booklet for
XYZ(58.7903, 66.0070, 59.9588)
contains.

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Color

**XYZ(58.7956, 66.0325,
60.0988)**

Conversions

Conversions Part 1

Format	Color
Hex	CAD9C1
RGB	202, 217, 193
RGB Percent	79%, 85%, 76%
CMY	0.2078, 0.1490, 0.2431
CMYK	0.07, 0.00, 0.11, 0.15
HSL	98°, 24%, 80%
HSV	98°, 11%, 85%
XYZ	58.7956, 66.0325, 60.0988
YIQ	209.7790, -1.2360, -10.6440

Conversions

Conversions Part 2

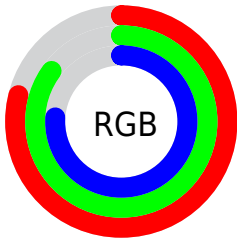
Format	Color
RYB	193, 217, 208
Decimal	13294017
CIELab	85.01, -9.37, 10.10
CIElCh	85, 13.780, 132.854
Yxy	66.0325, 0.3179, 0.3571
Android (android.graphics.Color)	4291484097 (0xFFCAD9C1)
YUV	209.7790, -8.2720, -6.8222
Hunter-Lab	81.2604, -13.0528, 13.0324

Details

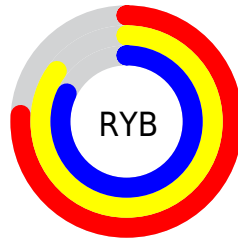
The XYZ color **58.7956, 66.0325, 60.0988** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.6094, 56.5614, 73.5302**, and the grayscale version is **61.1682, 64.3538, 70.0812**.

A 20% lighter version of the original color is **94.0989, 99.6196, 103.8915**, and **29.7933, 34.0006, 29.4186** is the 20% darker color. If you saturate the color by 10%, you get **53.0404, 63.3270, 48.1066**, and if you desaturate by 10%, it is **65.2324, 69.0522, 73.9798**.

Distribution



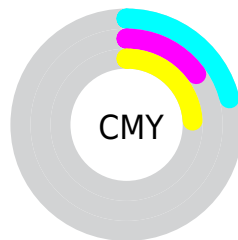
- Red (79%)
- Green (85%)
- Blue (76%)



- Red (76%)
- Yellow (85%)
- Blue (82%)



- Cyan (7%)
- Magenta (0%)
- Yellow (11%)
- Black (15%)



- Cyan (21%)
- Magenta (15%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.7956, 66.0325, 60.0988 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 58.7956, 66.0325, 60.0988 by changing the saturation by 10% instead.

■ 58.7956, 66.0325,
60.0988

■ 58.7956, 66.0325,
60.0988

410.0503,
446.4931, 442.7766

■ 42.6943, 48.2988,
43.0725

■ 102.1969,
113.5330, 106.5178

■ 29.8388, 34.0636,
29.6101

130.2276,
144.0685, 136.7474

■ 19.8638, 22.9424,
19.2933

162.9655,
179.6402, 172.2153

■ 12.4037, 14.5510,
11.7035

200.7759,
220.6322, 213.3399

■ 7.0934, 8.5049,
6.4220

244.0242,
267.4292, 260.5398

■ 3.5674, 4.4197,
3.0304

293.0759,

■ 1.4605, 1.9110,

320.4154, 314.2336

1.1102

348.2961,
379.9752, 374.8396

■ 0.2987, 0.5550,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.7956, 66.0325,
60.0988

■ 58.7956, 66.0325,
60.0988

■ 53.0404, 63.3270,
48.1066

■ 65.2324, 69.0522,
73.9798

■ 47.9376, 60.9166,
37.9174

■ 72.3677, 72.3873,
89.8220

■ 43.4639, 58.7933,
29.4451

■ 79.7210, 75.8487,
105.0463

■ 39.5924, 56.9450,
22.5949

■ 84.1042, 78.1083,
105.2514

■ 36.2940, 55.3593,
17.2629

■ 33.5369, 54.0221,
13.3329

■ 31.2855, 52.9180,
10.6721

■ 29.4986, 52.0292,
9.1220

■ 28.2384, 51.3936,
8.4316

Harmonies

Analogous

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



61.4455, 66.0325, 56.5101



58.7956, 66.0325, 60.0988



57.2382, 66.0325, 66.9834

Triad

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



58.7956, 66.0325, 60.0988



61.0215, 66.0325, 89.4699



68.7527, 66.0325, 68.1679

Complementary

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



58.7956, 66.0325, 60.0988



57.6094, 56.5614, 73.5302

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.



68.6300, 66.0325, 77.0477



58.7956, 66.0325, 60.0988



64.0970, 66.0325, 89.8531

Square

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



58.7956, 66.0325, 60.0988



58.4940, 66.0325, 84.1413



66.9027, 66.0325, 85.1489



67.2325, 66.0325, 60.9043

Rectangle

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



58.7956, 66.0325, 60.0988



56.9964, 66.0325, 72.7513



66.9027, 66.0325, 85.1489



68.9036, 66.0325, 71.0517

Sweetspot

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



58.7974, 66.0353, 60.1002



92.1051, 98.6214, 102.4605



60.7507, 63.6189, 59.5309



19.5492, 21.0317, 21.5717



0.0000, 0.0000, 0.0000



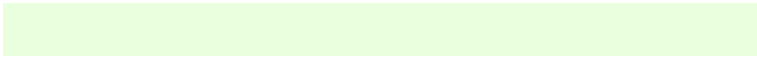
20.3446, 21.4041, 23.3091

Same Dimension

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



58.7974, 66.0353, 60.1002



82.9480, 94.3255, 82.8367



56.7482, 64.9425, 61.6508



13.3455, 14.8428, 13.8871



17.2011, 31.1650, 5.1089



1.2080, 2.0673, 0.3354

Inverse Universe

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



57.6094, 56.5614, 73.5302



80.9458, 78.3614, 105.4667



59.8509, 57.7587, 71.7495



13.1167, 13.0183, 16.4736



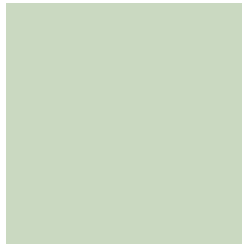
13.8133, 6.2452, 40.2158



0.9892, 0.4532, 2.6098

Previews

White Background



This preview shows how the XYZ color 58.7956, 66.0325, 60.0988 looks on a white background.

Color Contrast Check

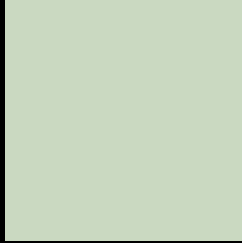
Large Text (above 18pt) WCAG AA × Fail

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 58.7956, 66.0325, 60.0988 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

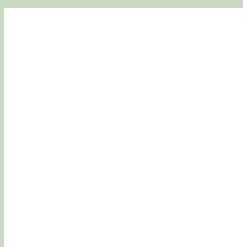
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.7956, 66.0325, 60.0988

Background



This preview shows how black text looks on a background with the XYZ color 58.7956, 66.0325, 60.0988.



This preview shows how white text looks on a background with the XYZ color 58.7956, 66.0325,

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

58.7956, 66.0325, 60.0988

Protanopia

62.4073, 65.6784, 58.1032

Deuteranopia

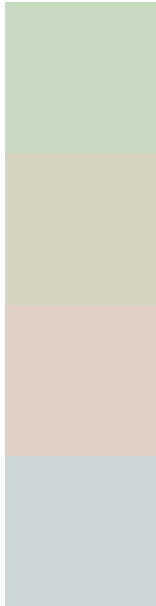
67.2783, 65.9535, 60.8141



Tritanopia

63.6988, 66.1540, 83.5405

Trichromacy



Original Color

58.7956, 66.0325, 60.0988

Protanomaly

60.9298, 65.6462, 58.7499

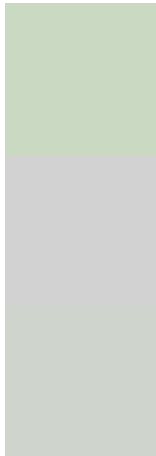
Deuteranomaly

63.9021, 65.6647, 60.3455

Tritanomaly

61.8948, 66.1728, 74.4762

Monochromacy



Original Color

58.7956, 66.0325, 60.0988

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

60.4255, 65.2135, 66.5294

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.7956, 66.0325, 60.0988 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, 217, 193)` looks like.

```
.text, #text, p{  
    color:rgb(202, 217, 193)  
}
```

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, 217, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 217, 193) }
```

Border

The CSS property to change the border of an element to XYZ 58.7956, 66.0325, 60.0988 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, 217, 193) }
```


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

```
.border{ border-color:rgb(202, 217, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 217, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 217, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 217, 193);  
box-shadow:4px 4px 4px 4px rgb(202, 217,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 58.7956, 66.0325, 60.0988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 217, 193) }
```

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

```
.background{ background-color: rgb(202,  
217, 193) }
```

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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