

Converting Colors

XYZ(58.7342, 66.8368, 62.8428)

Have a look what the booklet for
XYZ(58.7342, 66.8368, 62.8428)
contains.

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Color

**XYZ(58.6983, 66.7000,
62.6040)**

Conversions

Conversions Part 1

Format	Color
Hex	C6DBC5
RGB	198, 219, 197
RGB Percent	78%, 86%, 77%
CMY	0.2235, 0.1412, 0.2274
CMYK	0.10, 0.00, 0.10, 0.14
HSL	117°, 23%, 82%
HSV	117°, 10%, 86%
XYZ	58.6983, 66.7000, 62.6040
YIQ	210.2130, -5.4540, -11.2940

Conversions

Conversions Part 2

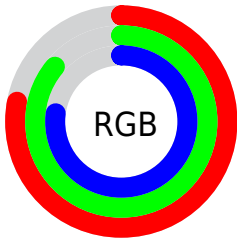
Format	Color
RYB	197, 219, 218
Decimal	13032389
CIELab	85.35, -11.07, 8.44
CIELCh	85, 13.919, 142.682
Yxy	66.7000, 0.3122, 0.3548
Android (android.graphics.Color)	4291222469 (0xFFC6DBC5)
YUV	210.2130, -6.5140, -10.7108
Hunter-Lab	81.6701, -14.6302, 11.7204

Details

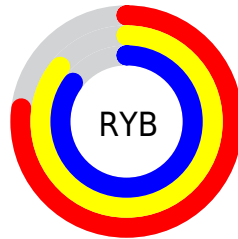
The XYZ color **58.6983, 66.7000, 62.6040** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.6684, 59.9542, 75.3433**, and the grayscale version is **61.4440, 64.6439, 70.3972**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **29.7350, 34.4634, 31.0715** is the 20% darker color. If you saturate the color by 10%, you get **51.2340, 63.1231, 50.0932**, and if you desaturate by 10%, it is **67.2915, 70.8205, 77.0734**.

Distribution



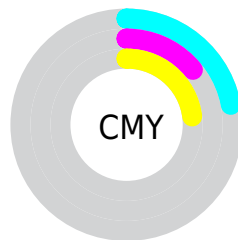
- Red (78%)
- Green (86%)
- Blue (77%)



- Red (77%)
- Yellow (86%)
- Blue (85%)



- Cyan (10%)
- Magenta (0%)
- Yellow (10%)
- Black (14%)



- Cyan (22%)
- Magenta (14%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.6983, 66.7000, 62.6040 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 58.6983, 66.7000, 62.6040 by changing the saturation by 10% instead.

■ 58.6983, 66.7000,
62.6040

■ 58.6983, 66.7000,
62.6040

409.6950,
448.8762, 452.1992

■ 42.6157, 48.8409,
45.0820

102.0562,
114.4904, 110.1781

■ 29.7769, 34.4933,
31.1786

130.0622,
145.1905, 141.0672

■ 19.8166, 23.2728,
20.4753

162.7734,
180.9397, 177.2491

■ 12.3693, 14.7951,
12.5535

200.5552,
222.1224, 219.1423

■ 7.0697, 8.6757,
6.9947

243.7729,
269.1230, 267.1654

■ 3.5524, 4.5303,
3.3804

292.7919,

■ 1.4522, 1.9744,

322.3259, 321.7369

1.2920

347.9774,
382.1155, 383.2753

■ 0.2930, 0.5925,
0.0552

■ 0.0000, 0.0000,
0.0000

■ 58.6983, 66.7000,
62.6040

■ 58.6983, 66.7000,
62.6040

■ 51.2340, 63.1231,
50.0932

■ 67.2915, 70.8205,
77.0734

■ 44.8464, 60.0591,
39.4529

■ 77.0520, 75.4971,
93.5760

■ 39.4876, 57.4870,
30.5945

■ 84.6228, 79.1456,
105.4243

■ 35.1037, 55.3813,
23.4206

■ 31.6360, 53.7139,
17.8246

■ 29.0195, 52.4539,
13.6876

■ 27.1807, 51.5664,
10.8740

■ 26.0335, 51.0103,
9.2227

■ 25.4574, 50.7298,
8.4501

Harmonies

Analogous

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



61.0882, 66.7000, 57.7608



58.6983, 66.7000, 62.6040



57.5740, 66.7000, 70.4368

Triad

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



58.6983, 66.7000, 62.6040



62.6276, 66.7000, 91.2336



69.1533, 66.7000, 66.1363

Complementary

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



58.6983, 66.7000, 62.6040



61.6684, 59.9542, 75.3433

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.



69.5986, 66.7000, 74.8579



58.6983, 66.7000, 62.6040



65.7619, 66.7000, 89.8427

Square

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



58.6983, 66.7000, 62.6040



59.7933, 66.7000, 87.3193



68.3386, 66.7000, 83.6620



67.1413, 66.7000, 59.6792

Rectangle

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



58.6983, 66.7000, 62.6040



57.6664, 66.7000, 76.5020



68.3386, 66.7000, 83.6620



69.4938, 66.7000, 68.8812

Sweetspot

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



58.7001, 66.7029, 62.6055



91.2068, 98.1583, 102.4185



64.3398, 69.1855, 62.7874



19.3076, 20.9071, 21.5604



0.0000, 0.0000, 0.0000



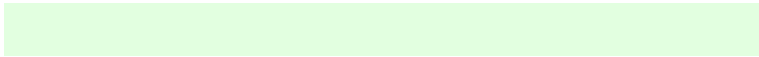
20.3446, 21.4041, 23.3091

Same Dimension

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



58.7001, 66.7029, 62.6055



80.5672, 93.0584, 84.5215



59.6098, 67.0364, 68.7670



12.9410, 14.6343, 13.8682



15.1190, 30.0916, 5.0114



0.9992, 1.9596, 0.3256

Inverse Universe

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



61.6684, 59.9542, 75.3433



85.5436, 81.7438, 105.8772



60.7030, 59.6027, 68.6939



13.5529, 13.2431, 16.4940



23.2072, 11.0879, 40.6554



1.5219, 0.7278, 2.6347

Previews

White Background



This preview shows how the XYZ color 58.6983, 66.7000, 62.6040 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 58.6983, 66.7000, 62.6040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

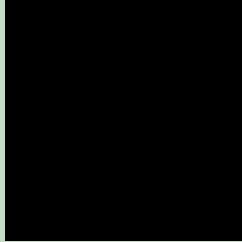
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

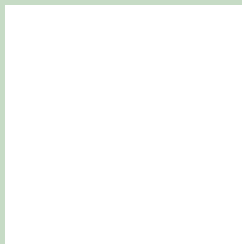
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.6983, 66.7000, 62.6040

Background



This preview shows how black text looks on a background with the XYZ color 58.6983, 66.7000, 62.6040.



This preview shows how white text looks on a background with the XYZ color 58.6983, 66.7000,

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

58.6983, 66.7000, 62.6040

Protanopia

62.9879, 66.3094, 59.9312

Deuteranopia

67.7565, 66.4899, 63.9063



Tritanopia

63.0990, 66.5592, 85.1228

Trichromacy



Original Color

58.6983, 66.7000, 62.6040

Protanomaly

61.4786, 66.6421, 60.6619

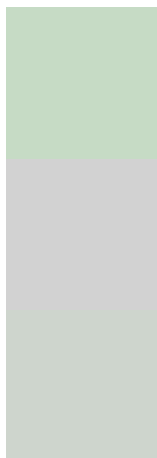
Deuteranomaly

64.0345, 66.4000, 63.4743

Tritanomaly

61.4294, 66.6437, 76.6437

Monochromacy



Original Color

58.6983, 66.7000, 62.6040

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

60.2673, 65.1181, 67.1502

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.6983, 66.7000, 62.6040 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(198, 219, 197)` looks like.

```
.text, #text, p{  
    color:rgb(198, 219, 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(198, 219, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 219, 197) }
```

Border

The CSS property to change the border of an element to XYZ 58.6983, 66.7000, 62.6040 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(198, 219, 197) }
```


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

```
.border{ border-color:rgb(198, 219, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 219, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 219, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 219, 197);  
box-shadow:4px 4px 4px 4px rgb(198, 219,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 58.6983, 66.7000, 62.6040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 219, 197) }
```

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

```
.background{ background-color: rgb(198,  
219, 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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