

Converting Colors

XYZ(55.9745, 61.1246, 58.0762)

Have a look what the booklet for
XYZ(55.9745, 61.1246, 58.0762)
contains.

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Color

**XYZ(56.0472, 61.2908,
58.1665)**

Conversions

Conversions Part 1

Format	Color
Hex	C9D0BF
RGB	201, 208, 191
RGB Percent	79%, 82%, 75%
CMY	0.2118, 0.1843, 0.2510
CMYK	0.03, 0.00, 0.08, 0.18
HSL	85°, 15%, 78%
HSV	85°, 8%, 82%
XYZ	56.0472, 61.2908, 58.1665
YIQ	203.9690, 1.2850, -6.7710

Conversions

Conversions Part 2

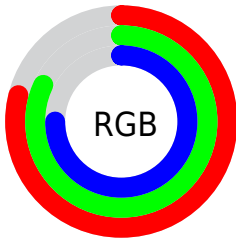
Format	Color
RYB	191, 208, 198
Decimal	13226175
CIELab	82.53, -5.43, 7.61
CIELCh	83, 9.349, 125.545
Yxy	61.2908, 0.3193, 0.3492
Android (android.graphics.Color)	4291416255 (0xFFC9D0BF)
YUV	203.9690, -6.3937, -2.6038
Hunter-Lab	78.2884, -9.2155, 10.7508

Details

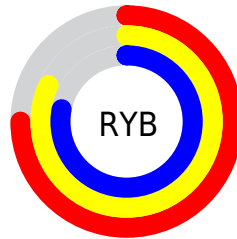
The XYZ color **56.0472, 61.2908, 58.1665** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.3070, 53.8231, 67.2570**, and the grayscale version is **57.4149, 60.4049, 65.7810**.

A 20% lighter version of the original color is **93.7885, 99.4954, 102.2570**, and **28.1757, 31.1492, 28.5721** is the 20% darker color. If you saturate the color by 10%, you get **51.6799, 59.2871, 46.8497**, and if you desaturate by 10%, it is **60.8716, 63.4961, 71.2042**.

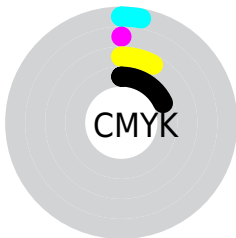
Distribution



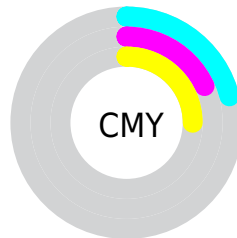
- Red (79%)
- Green (82%)
- Blue (75%)



- Red (75%)
- Yellow (82%)
- Blue (78%)



- Cyan (3%)
- Magenta (0%)
- Yellow (8%)
- Black (18%)



- Cyan (21%)
- Magenta (18%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.0472, 61.2908, 58.1665 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 56.0472, 61.2908, 58.1665 by changing the saturation by 10% instead.

■ 56.0472, 61.2908,
58.1665

■ 56.0472, 61.2908,
58.1665

399.9415,
429.3394, 435.4216

■ 40.4779, 44.4599,
41.5269

■ 98.2130, 106.6999,
103.6825

■ 28.0972, 31.0322,
28.4083

125.5402,
136.0468, 133.3959

■ 18.5398, 20.6234,
18.3919

157.5175,
170.3346, 168.3044

■ 11.4403, 12.8490,
11.0594

194.5101,
209.9476, 208.8265

■ 6.4332, 7.3246,
5.9921

236.8834,
255.2702, 255.3808

■ 3.1534, 3.6659,
2.7716

285.0029,

■ 1.2354, 1.4885,

306.6867, 308.3857

0.9792

339.2338,
364.5817, 368.2598

■ 0.1340, 0.2806,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.0472, 61.2908,
58.1665

■ 56.0472, 61.2908,
58.1665

■ 51.6799, 59.2871,
46.8497

■ 60.8716, 63.4961,
71.2042

■ 47.7488, 57.4706,
37.1780

■ 66.1627, 65.9012,
86.0265

■ 44.2390, 55.8369,
29.0757

■ 71.9365, 68.5146,
102.6987

■ 41.1324, 54.3786,
22.4597

■ 74.9582, 70.0428,
104.1766

■ 38.4096, 53.0877,
17.2392

■ 77.8601, 71.5388,
104.3124

■ 36.0493, 51.9554,
13.3134

■ 80.9001, 73.1060,
104.4547

■ 34.0273, 50.9716,
10.5681

■ 81.8471, 73.5941,
104.4990

■ 32.3157, 50.1251,
8.8690

■ 30.8741, 49.3993,
8.0168

Harmonies

Analogous

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



57.8841, 61.2908, 56.3593



56.0472, 61.2908, 58.1665



54.8230, 61.2908, 62.2776

Triad

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



56.0472, 61.2908, 58.1665



56.6770, 61.2908, 77.2748



62.1684, 61.2908, 65.6763

Complementary

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



56.0472, 61.2908, 58.1665



53.3070, 53.8231, 67.2570

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.



61.8275, 61.2908, 71.4007



56.0472, 61.2908, 58.1665



58.6276, 61.2908, 78.3124

Square

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



56.0472, 61.2908, 58.1665



55.1808, 61.2908, 73.3471



60.5202, 61.2908, 76.1068



61.4415, 61.2908, 60.5332

Rectangle

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



56.0472, 61.2908, 58.1665



54.5034, 61.2908, 65.8832



60.5202, 61.2908, 76.1068



62.1751, 61.2908, 67.5946

Sweetspot

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



56.0489, 61.2935, 58.1678



93.4710, 99.2796, 104.5967



55.5670, 57.4704, 57.4553



20.0232, 21.2575, 22.4331



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.



56.0489, 61.2935, 58.1678



87.4535, 96.5271, 88.5176



53.8776, 60.1741, 58.0662



12.3130, 13.5448, 12.5775



19.2010, 30.7674, 4.9267



1.1626, 1.7662, 0.2796

Inverse Universe

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



53.3070, 53.8231, 67.2570



82.1443, 82.0616, 106.1178



55.5552, 54.9820, 67.3622



11.6183, 11.6521, 14.8804



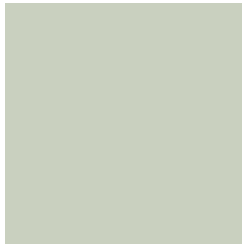
9.5732, 4.1155, 37.4823



0.6245, 0.2761, 2.0999

Previews

White Background



This preview shows how the XYZ color 56.0472, 61.2908, 58.1665 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 56.0472, 61.2908, 58.1665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

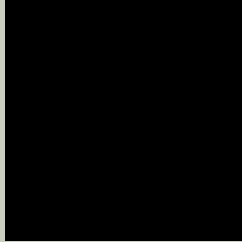
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

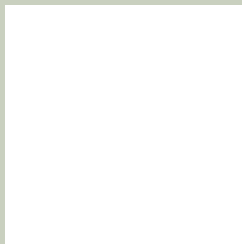
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.0472, 61.2908, 58.1665

Background



This preview shows how black text looks on a background with the XYZ color 56.0472, 61.2908, 58.1665.



This preview shows how white text looks on a background with the XYZ color 56.0472, 61.2908,

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

56.0472, 61.2908, 58.1665

Protanopia

58.2187, 61.0060, 56.8510

Deuteranopia

62.4528, 61.0614, 58.9465



Tritanopia

59.6880, 61.3322, 76.4025

Trichromacy



Original Color

56.0472, 61.2908, 58.1665

Protanomaly

57.4201, 60.9357, 57.4506

Deuteranomaly

59.8484, 61.1069, 58.5096

Tritanomaly

58.2418, 61.1035, 69.0461

Monochromacy



Original Color

56.0472, 61.2908, 58.1665

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

56.7687, 60.4827, 62.7151

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0472, 61.2908, 58.1665 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(201, 208, 191)` looks like.

```
.text, #text, p{  
    color:rgb(201, 208, 191)  
}
```

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(201, 208, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 208, 191) }
```

Border

The CSS property to change the border of an element to XYZ 56.0472, 61.2908, 58.1665 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(201, 208, 191) }
```


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

```
.border{ border-color:rgb(201, 208, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 208, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 208, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 208, 191);  
box-shadow:4px 4px 4px 4px rgb(201, 208,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0472, 61.2908, 58.1665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 208, 191) }
```

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

```
.background{ background-color: rgb(201,  
208, 191) }
```

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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