

Converting Colors

XYZ(56.2525, 62.8596, 61.2974)

Have a look what the booklet for
XYZ(56.2525, 62.8596, 61.2974)
contains.

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Color

**XYZ(56.2722, 62.8083,
61.3819)**

Conversions

Conversions Part 1

Format	Color
Hex	C4D4C4
RGB	196, 212, 196
RGB Percent	77%, 83%, 77%
CMY	0.2314, 0.1686, 0.2314
CMYK	0.08, 0.00, 0.08, 0.17
HSL	120°, 16%, 80%
HSV	120°, 8%, 83%
XYZ	56.2722, 62.8083, 61.3819
YIQ	205.3920, -4.4000, -8.3680

Conversions

Conversions Part 2

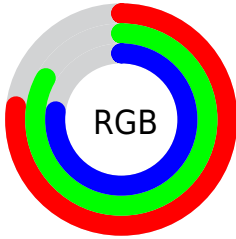
Format	Color
RYB	196, 212, 212
Decimal	12899524
CIELab	83.34, -8.35, 6.06
CIELCh	83, 10.319, 144.031
Yxy	62.8083, 0.3118, 0.3480
Android (android.graphics.Color)	4291089604 (0xFFC4D4C4)
YUV	205.3920, -4.6303, -8.2368
Hunter-Lab	79.2517, -11.9476, 9.5550

Details

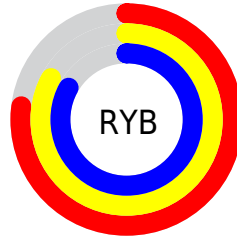
The XYZ color **56.2722, 62.8083, 61.3819** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.7772, 58.2318, 70.4323**, and the grayscale version is **58.3100, 61.3466, 66.8065**.

A 20% lighter version of the original color is **93.9976, 99.4945, 107.1787**, and **28.0948, 31.8177, 30.2519** is the 20% darker color. If you saturate the color by 10%, you get **48.8976, 59.2678, 49.3181**, and if you desaturate by 10%, it is **64.7705, 66.8923, 75.2807**.

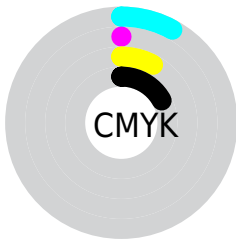
Distribution



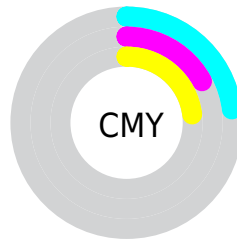
- Red (77%)
- Green (83%)
- Blue (77%)



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



- Cyan (8%)
- Magenta (0%)
- Yellow (8%)
- Black (17%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.2722, 62.8083, 61.3819 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 56.2722, 62.8083, 61.3819 by changing the saturation by 10% instead.

■ 56.2722, 62.8083,
61.3819

■ 56.2722, 62.8083,
61.3819

400.7749,
434.8734, 447.6181

■ 40.6591, 45.6861,
44.1009

■ 98.5400, 108.8929,
108.3946

■ 28.2393, 31.9982,
30.4121

125.9253,
138.6241, 138.9634

■ 18.6475, 21.3601,
19.8969

157.9654,
173.3272, 174.7985

■ 11.5183, 13.3875,
12.1368

195.0256,
213.3864, 216.3185

■ 6.4865, 7.6959,
6.7132

237.4713,
259.1863, 263.9420

■ 3.1865, 3.9010,
3.2077

285.6679,

■ 1.2531, 1.6183,

311.1111, 318.0873

1.2016

339.9806,
369.5454, 379.1732

■ 0.1477, 0.3699,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.2722, 62.8083,
61.3819

■ 56.2722, 62.8083,
61.3819

■ 48.8976, 59.2678,
49.3181

■ 64.7705, 66.8923,
75.2807

■ 42.5948, 56.2402,
39.0089

■ 74.4314, 71.5330,
91.0824

■ 37.3155, 53.7043,
30.3737

■ 82.8347, 75.5695,
104.8282

■ 33.0058, 51.6341,
23.3243

■ 29.6066, 50.0013,
17.7643

■ 27.0528, 48.7746,
13.5869

■ 25.2701, 47.9183,
10.6709

■ 24.1720, 47.3908,
8.8745

■ 23.6383, 47.1344,
8.0014

Harmonies

Analogous

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



57.9571, 62.8083, 57.7087



56.2722, 62.8083, 61.3819



55.5071, 62.8083, 67.1104

Triad

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



56.2722, 62.8083, 61.3819



59.2498, 62.8083, 81.4318



63.7264, 62.8083, 63.4766

Complementary

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



56.2722, 62.8083, 61.3819



58.7772, 58.2318, 70.4323

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.



64.0934, 62.8083, 69.6809



56.2722, 62.8083, 61.3819



61.4722, 62.8083, 80.3087

Square

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



56.2722, 62.8083, 61.3819



57.1983, 62.8083, 78.8866



63.2589, 62.8083, 75.9070



62.2683, 62.8083, 58.8640

Rectangle

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



56.2722, 62.8083, 61.3819



55.6076, 62.8083, 71.4282



63.2589, 62.8083, 75.9070



63.9830, 62.8083, 65.4344

Sweetspot

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



56.2739, 62.8110, 61.3833



92.3882, 98.7214, 104.5462



60.6615, 65.0729, 61.5883



19.8027, 21.1438, 22.4228



0.0000, 0.0000, 0.0000



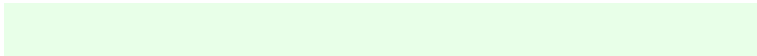
20.3446, 21.4041, 23.3091

Same Dimension

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



56.2739, 62.8110, 61.3833



83.6277, 94.5133, 90.2171



57.2094, 63.1852, 66.3093



12.2625, 13.8960, 13.1967



14.5346, 29.0692, 4.8450



0.8767, 1.7533, 0.2923

Inverse Universe

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



58.7772, 58.2318, 70.4323



88.1606, 86.2213, 106.6028



57.7924, 57.8379, 65.2465



12.9531, 12.6327, 15.6931



24.0977, 11.5754, 39.4141



1.4535, 0.6982, 2.3773

Previews

White Background



This preview shows how the XYZ color 56.2722, 62.8083, 61.3819 looks on a white background.

Color Contrast Check

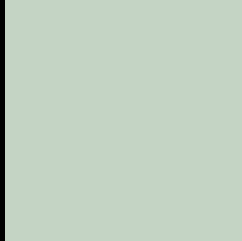
Large Text (above 18pt) WCAG AA × Fail

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 56.2722, 62.8083, 61.3819 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

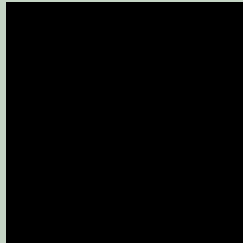
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

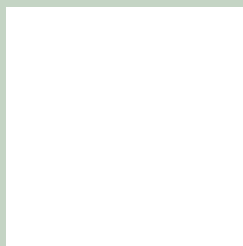
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.2722, 62.8083, 61.3819

Background



This preview shows how black text looks on a background with the XYZ color 56.2722, 62.8083, 61.3819.

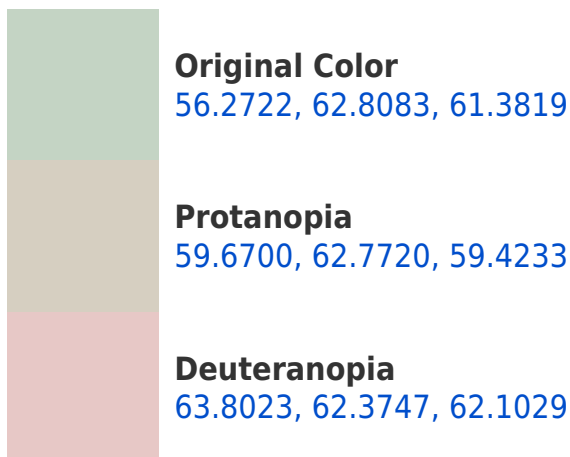


This preview shows how white text looks on a background with the XYZ color 56.2722, 62.8083,

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





Tritanopia

60.0978, 62.9111, 79.4966

Trichromacy



Original Color

56.2722, 62.8083, 61.3819

Protanomaly

58.2702, 62.7614, 60.0819

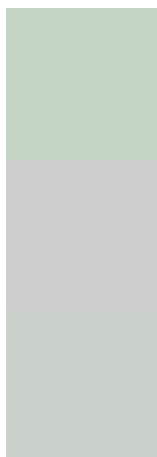
Deuteranomaly

60.5844, 62.1224, 61.6210

Tritanomaly

58.4913, 62.5981, 72.6181

Monochromacy



Original Color

56.2722, 62.8083, 61.3819

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.5737, 61.9326, 64.7968

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.2722, 62.8083, 61.3819 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(196, 212, 196) looks like.

```
.text, #text, p{  
    color:rgb(196, 212, 196)  
}
```

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(196, 212, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 212, 196) }
```

Border

The CSS property to change the border of an element to XYZ 56.2722, 62.8083, 61.3819 is called "border". The border property can be set on classes, ids or directly on the HTML element.

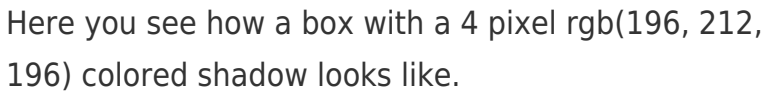
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 212, 196) }
```


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

```
.border{ border-color:rgb(196, 212, 196) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 212, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 212, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 212, 196);  
box-shadow:4px 4px 4px 4px rgb(196, 212,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 56.2722, 62.8083, 61.3819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 212, 196) }
```

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

```
.background{ background-color: rgb(196,  
212, 196) }
```

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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