

Converting Colors

XYZ(56.2205, 62.2898, 58.0945)

Have a look what the booklet for
XYZ(56.2205, 62.2898, 58.0945)
contains.

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Color

**XYZ(56.2700, 62.1341,
58.3176)**

Conversions

Conversions Part 1

Format	Color
Hex	C8D2BF
RGB	200, 210, 191
RGB Percent	78%, 82%, 75%
CMY	0.2157, 0.1765, 0.2510
CMYK	0.05, 0.00, 0.09, 0.18
HSL	92°, 17%, 79%
HSV	92°, 9%, 82%
XYZ	56.2700, 62.1341, 58.3176
YIQ	204.8440, 0.1390, -8.0290

Conversions

Conversions Part 2

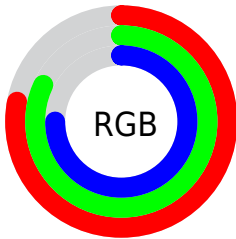
Format	Color
RYB	191, 210, 201
Decimal	13161151
CIELab	82.98, -6.82, 8.24
CIELCh	83, 10.697, 129.603
Yxy	62.1341, 0.3184, 0.3516
Android (android.graphics.Color)	4291351231 (0xFFC8D2BF)
YUV	204.8440, -6.8251, -4.2482
Hunter-Lab	78.8252, -10.5204, 11.3128

Details

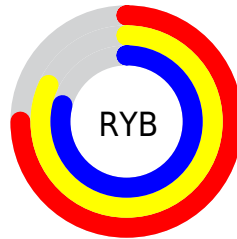
The XYZ color **56.2700, 62.1341, 58.3176** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.3534, 54.3340, 68.5987**, and the grayscale version is **57.9726, 60.9917, 66.4199**.

A 20% lighter version of the original color is **93.7885, 99.4954, 102.2570**, and **28.3300, 31.7229, 28.6747** is the 20% darker color. If you saturate the color by 10%, you get **51.2765, 59.8099, 46.8727**, and if you desaturate by 10%, it is **61.8118, 64.7064, 71.5205**.

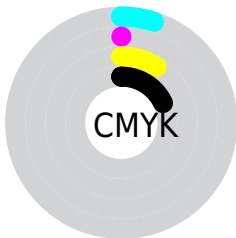
Distribution



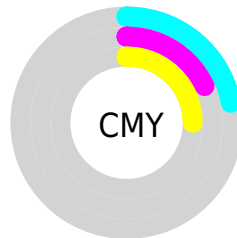
- Red (78%)
- Green (82%)
- Blue (75%)



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



- Cyan (5%)
- Magenta (0%)
- Yellow (9%)
- Black (18%)



- Cyan (22%)
- Magenta (18%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.2700, 62.1341, 58.3176 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 56.2700, 62.1341, 58.3176 by changing the saturation by 10% instead.

■ 56.2700, 62.1341,
58.3176

■ 56.2700, 62.1341,
58.3176

400.7668,
432.4201, 435.9996

■ 40.6573, 45.1411,
41.6476

■ 98.5368, 107.9193,
103.9046

■ 28.2379, 31.5686,
28.5020

125.9215,
137.4803, 133.6586

■ 18.6464, 21.0322,
18.4621

157.9610,
171.9994, 168.6112

■ 11.5176, 13.1475,
11.1094

195.0206,
211.8609, 209.1807

■ 6.4859, 7.5302,
6.0254

237.4656,
257.4494, 255.7858

■ 3.1862, 3.7958,
2.7915

285.6614,

■ 1.2530, 1.5600,

309.1491, 308.8449

0.9892

339.9733,
367.3446, 368.7767

■ 0.1476, 0.3304,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.2700, 62.1341,
58.3176

■ 56.2700, 62.1341,
58.3176

■ 51.2765, 59.8099,
46.8727

■ 61.8118, 64.7064,
71.5205

■ 46.8078, 57.7177,
37.1077

■ 67.9145, 67.5261,
86.5471

■ 42.8459, 55.8518,
28.9444

■ 74.5963, 70.6032,
103.4647

■ 39.3696, 54.2032,
22.2971

■ 78.4829, 72.5883,
104.4822

■ 36.3563, 52.7624,
17.0719

■ 82.3378, 74.5756,
104.6626

■ 33.7811, 51.5186,
13.1645

■ 31.6160, 50.4601,
10.4561

■ 29.8288, 49.5735,
8.8070

■ 28.3704, 48.8382,
7.9888

Harmonies

Analogous

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



58.3187, 62.1341, 55.8695



56.2700, 62.1341, 58.3176



54.9902, 62.1341, 63.3159

Triad

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



56.2700, 62.1341, 58.3176



57.5220, 62.1341, 80.2916



63.5455, 62.1341, 65.5533

Complementary

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



56.2700, 62.1341, 58.3176



54.3534, 54.3340, 68.5987

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.



63.3187, 62.1341, 72.1847



56.2700, 62.1341, 58.3176



59.8007, 62.1341, 80.9878

Square

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



56.2700, 62.1341, 58.3176



55.6998, 62.1341, 76.0913



61.9337, 62.1341, 77.9360



62.5456, 62.1341, 59.8637

Rectangle

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



56.2700, 62.1341, 58.3176



54.7252, 62.1341, 67.5654



61.9337, 62.1341, 77.9360



63.6108, 62.1341, 67.7416

Sweetspot

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



56.2717, 62.1368, 58.3190



92.3765, 98.7612, 102.4732



56.8286, 59.1534, 57.7138



19.6223, 21.0694, 21.5752



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.



56.2717, 62.1368, 58.3190



85.6329, 95.6295, 86.5819



53.9731, 60.9478, 58.3935



12.1812, 13.4768, 12.5713



17.3414, 29.8088, 4.8397



1.0609, 1.7138, 0.2749

Inverse Universe

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



54.3534, 54.3340, 68.5987



82.0259, 80.9578, 105.9109



56.8049, 55.6023, 68.5076



11.7491, 11.7195, 14.8865



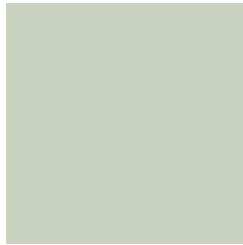
11.1770, 4.9423, 37.5573



0.7162, 0.3234, 2.1042

Previews

White Background



This preview shows how the XYZ color 56.2700, 62.1341, 58.3176 looks on a white background.

Color Contrast Check

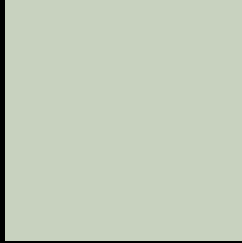
Large Text (above 18pt) WCAG AA × Fail

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 56.2700, 62.1341, 58.3176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

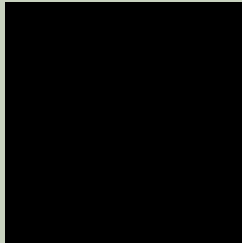
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

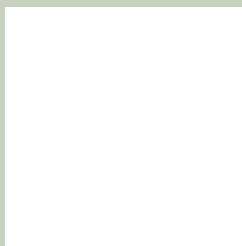
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.2700, 62.1341, 58.3176

Background



This preview shows how black text looks on a background with the XYZ color 56.2700, 62.1341, 58.3176.



This preview shows how white text looks on a background with the XYZ color 56.2700, 62.1341,

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

56.2700, 62.1341, 58.3176

Protanopia

58.9882, 62.1129, 57.0241

Deuteranopia

63.0041, 61.6860, 59.0380



Tritanopia

60.1930, 61.9157, 77.8857

Trichromacy



Original Color

56.2700, 62.1341, 58.3176

Protanomaly

57.9016, 61.8987, 57.6111

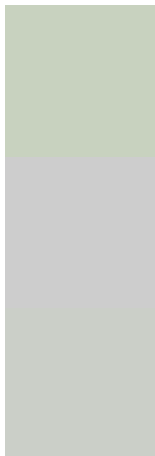
Deuteranomaly

60.3856, 61.7333, 58.6022

Tritanomaly

58.6993, 62.0253, 70.5063

Monochromacy



Original Color

56.2700, 62.1341, 58.3176

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.3668, 61.4923, 63.4892

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.2700, 62.1341, 58.3176 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(200, 210, 191) looks like.

```
.text, #text, p{  
    color:rgb(200, 210, 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(200, 210, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 210, 191) }
```

Border

The CSS property to change the border of an element to XYZ 56.2700, 62.1341, 58.3176 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(200, 210, 191) }
```


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

```
.border{ border-color:rgb(200, 210, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 210, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 210, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 210, 191);  
box-shadow:4px 4px 4px 4px rgb(200, 210,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 56.2700, 62.1341, 58.3176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 210, 191) }
```

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

```
.background{ background-color: rgb(200,  
210, 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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