

Converting Colors

XYZ(56.6857, 63.2856, 66.3544)

Have a look what the booklet for
XYZ(56.6857, 63.2856, 66.3544)
contains.

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Color

**XYZ(56.6857, 63.2856,
66.3544)**

Conversions

Conversions Part 1

Format	Color
Hex	C1D5CC
RGB	193, 213, 204
RGB Percent	76%, 84%, 80%
CMY	0.2431, 0.1647, 0.2000
CMYK	0.09, 0.00, 0.04, 0.16
HSL	153°, 19%, 80%
HSV	153°, 9%, 84%
XYZ	56.6857, 63.2856, 66.3544
YIQ	205.9940, -9.0310, -7.0390

Conversions

Conversions Part 2

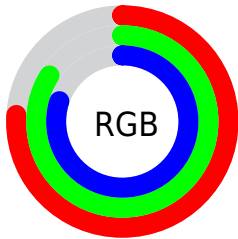
Format	Color
R _Y B	193, 206, 213
Decimal	12703180
CIE Lab	83.59, -8.41, 2.15
CIE LCh	84, 8.677, 165.673
Yxy	63.2856, 0.3042, 0.3397
Android (android.graphics.Color)	4290893260 (0xFFC1D5CC)
YUV	205.9940, -0.9830, -11.3957
Hunter-Lab	79.5522, -12.0246, 6.2329

Details

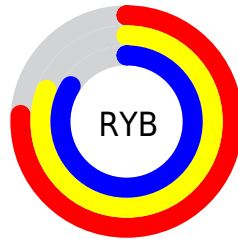
The XYZ color **56.6857, 63.2856, 66.3544** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.1736, 56.5521, 63.7825**, and the grayscale version is **58.6741, 61.7297, 67.2237**.

A 20% lighter version of the original color is **93.2343, 99.0640, 108.8150**, and **28.3793, 32.1447, 33.5630** is the 20% darker color. If you saturate the color by 10%, you get **50.5274, 60.2415, 60.2479**, and if you desaturate by 10%, it is **63.7004, 66.7666, 72.8732**.

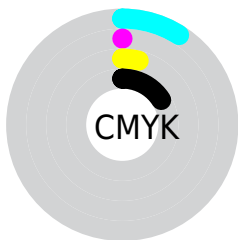
Distribution



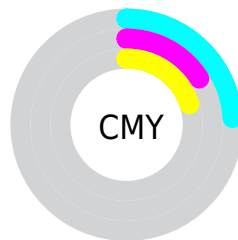
- Red (76%)
- Green (84%)
- Blue (80%)



- Red (76%)
- Yellow (81%)
- Blue (84%)



- Cyan (9%)
- Magenta (0%)
- Yellow (4%)
- Black (16%)



- Cyan (24%)
- Magenta (16%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.6857, 63.2856, 66.3544 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 56.6857, 63.2856, 66.3544 by changing the saturation by 10% instead.

■ 56.6857, 63.2856,
66.3544

■ 56.6857, 63.2856,
66.3544

402.3038,
436.6052, 466.0820

■ 40.9921, 46.0723,
48.1019

■ 99.1404, 109.5814,
115.6267

■ 28.5006, 32.3029,
33.5470

126.6323,
139.4328, 147.4835

■ 18.8457, 21.5929,
22.2713

158.7876,
174.2656, 184.7122

■ 11.6622, 13.5581,
13.8561

195.9718,
214.4642, 227.7312

■ 6.5846, 7.8140,
7.8831

238.5501,
260.4131, 276.9592

■ 3.2477, 3.9761,
3.9335

286.8880,

■ 1.2861, 1.6602,

312.4966, 332.8146

1.5889

341.3508,
371.0992, 395.7161

■ 0.1728, 0.3977,
0.2829

■ 0.0000, 0.0000,
0.0000

■ 56.6857, 63.2856,
66.3544

■ 56.6857, 63.2856,
66.3544

■ 50.5274, 60.2415,
60.2479

■ 63.7004, 66.7666,
72.8732

■ 45.1857, 57.6085,
54.5413

■ 71.5988, 70.6930,
79.8080

■ 40.6254, 55.3704,
49.2274

■ 79.7096, 74.7206,
87.1349

■ 36.8066, 53.5069,
44.2975

■ 81.1152, 75.2828,
94.5365

■ 33.6856, 51.9956,
39.7422

■ 82.5963, 75.8752,
102.3358

■ 31.2142, 50.8117,
35.5520

■ 83.0854, 76.0709,
104.9118

■ 29.3373, 49.9271,
31.7165

■ 27.9902, 49.3086,
28.2248

■ 27.0649, 48.9005,
25.0636

Harmonies

Analogous

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



57.5793, 63.2856, 61.8625



56.6857, 63.2856, 66.3544



56.7070, 63.2856, 71.7680

Triad

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



56.6857, 63.2856, 66.3544



61.1418, 63.2856, 79.4625



62.7360, 63.2856, 61.7012

Complementary

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



56.6857, 63.2856, 66.3544



57.1736, 56.5521, 63.7825

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.



63.7318, 63.2856, 66.1236



56.6857, 63.2856, 66.3544



62.7983, 63.2856, 76.4675

Square

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



56.6857, 63.2856, 66.3544



59.2529, 63.2856, 79.5324



63.7549, 63.2856, 71.5248



61.0582, 63.2856, 59.2733

Rectangle

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



56.6857, 63.2856, 66.3544



57.2363, 63.2856, 75.1804



63.7549, 63.2856, 71.5248



63.1631, 63.2856, 62.9932

Sweetspot

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



56.6875, 63.2883, 66.3558



91.7418, 98.3581, 105.8773



57.8696, 64.0448, 59.7650



19.4517, 20.9610, 22.4913



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.



56.6875, 63.2883, 66.3558



83.5062, 94.2761, 98.0957



57.6317, 63.3982, 72.1535



12.5453, 14.0091, 14.6860



16.5528, 29.8765, 15.4725



1.0398, 1.8186, 1.1516

Inverse Universe

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



57.1736, 56.5521, 63.7825



84.3605, 82.4369, 93.5732



56.2859, 56.4334, 58.3793



12.6533, 12.5128, 14.1144



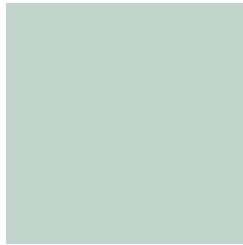
18.0979, 9.1755, 7.8196



1.1330, 0.5700, 0.6896

Previews

White Background



This preview shows how the XYZ color 56.6857, 63.2856, 66.3544 looks on a white background.

Color Contrast Check

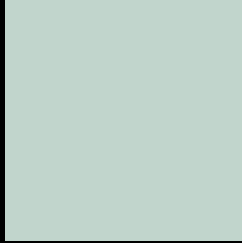
Large Text (above 18pt) WCAG AA × Fail

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 56.6857, 63.2856, 66.3544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

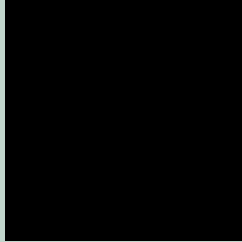
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

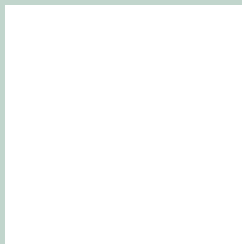
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.6857, 63.2856, 66.3544

Background



This preview shows how black text looks on a background with the XYZ color 56.6857, 63.2856, 66.3544.

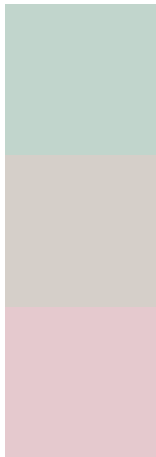


This preview shows how white text looks on a background with the XYZ color 56.6857, 63.2856,

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

56.6857, 63.2856, 66.3544

Protanopia

60.2960, 62.9888, 64.2385

Deuteranopia

64.3403, 62.8875, 67.1399



Tritanopia

59.8000, 63.4545, 81.0476

Trichromacy



Original Color

56.6857, 63.2856, 66.3544

Protanomaly

58.9147, 62.9870, 64.9297

Deuteranomaly

61.1697, 62.6694, 66.6300

Tritanomaly

58.7141, 63.3862, 75.4699

Monochromacy



Original Color

56.6857, 63.2856, 66.3544

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

57.9073, 62.4262, 66.7550

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6857, 63.2856, 66.3544 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(193, 213, 204)` looks like.

```
.text, #text, p{  
    color:rgb(193, 213, 204)  
}
```

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(193, 213, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 213, 204) }
```

Border

The CSS property to change the border of an element to XYZ 56.6857, 63.2856, 66.3544 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(193, 213, 204) }
```


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

```
.border{ border-color:rgb(193, 213, 204) }
```

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

Here you see how a box with a 4 pixel rgb(193, 213, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 213, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 213, 204);  
box-shadow:4px 4px 4px 4px rgb(193, 213,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6857, 63.2856, 66.3544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 213, 204) }
```

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

```
.background{ background-color: rgb(193,  
213, 204) }
```

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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