

Converting Colors

XYZ(56.7029, 63.4251, 63.7869)

Have a look what the booklet for
XYZ(56.7029, 63.4251, 63.7869)
contains.

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Color

**XYZ(56.7253, 63.3607,
63.8837)**

Conversions

Conversions Part 1

Format	Color
Hex	C3D5C8
RGB	195, 213, 200
RGB Percent	76%, 84%, 78%
CMY	0.2353, 0.1647, 0.2157
CMYK	0.08, 0.00, 0.06, 0.16
HSL	137°, 18%, 80%
HSV	137°, 8%, 84%
XYZ	56.7253, 63.3607, 63.8837
YIQ	206.1360, -6.5550, -7.8590

Conversions

Conversions Part 2

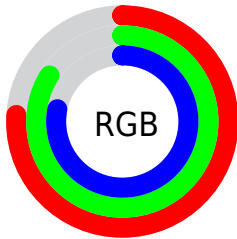
Format	Color
R_{YB}	195, 209, 213
Decimal	12834248
CIE _{Lab}	83.63, -8.48, 4.35
CIE _{LCh}	84, 9.528, 152.860
Yxy	63.3607, 0.3083, 0.3444
Android (android.graphics.Color)	4291024328 (0xFFC3D5C8)
YUV	206.1360, -3.0250, -9.7663
Hunter-Lab	79.5994, -12.0938, 8.1355

Details

The XYZ color **56.7253, 63.3607, 63.8837** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.3432, 57.7321, 67.7460**, and the grayscale version is **58.7765, 61.8375, 67.3410**.

A 20% lighter version of the original color is **93.9549, 99.4354, 108.8487**, and **28.3997, 32.1918, 31.9109** is the 20% darker color. If you saturate the color by 10%, you get **49.9010, 60.0419, 54.6463**, and if you desaturate by 10%, it is **64.5192, 67.1620, 74.1136**.

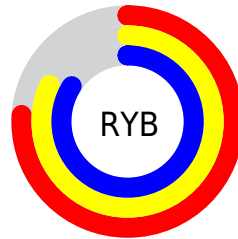
Distribution



Red (76%)

Green (84%)

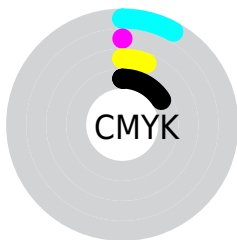
Blue (78%)



Red (76%)

Yellow (82%)

Blue (84%)

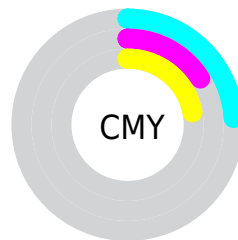


Cyan (8%)

Magenta (0%)

Yellow (6%)

Black (16%)



Cyan (24%)

Magenta (16%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.7253, 63.3607, 63.8837 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 56.7253, 63.3607, 63.8837 by changing the saturation by 10% instead.

■ 56.7253, 63.3607,
63.8837

■ 56.7253, 63.3607,
63.8837

402.4500,
436.8774, 456.9655

■ 41.0240, 46.1331,
46.1109

■ 99.1979, 109.6897,
112.0413

■ 28.5256, 32.3508,
31.9840

126.7000,
139.5599, 143.2632

■ 18.8647, 21.6296,
21.0846

158.8663,
174.4131, 179.8051

■ 11.6760, 13.5850,
12.9940

196.0623,
214.6336, 222.0857

■ 6.5941, 7.8326,
7.2937

238.6534,
260.6059, 270.5235

■ 3.2536, 3.9880,
3.5653

287.0047,

■ 1.2893, 1.6669,

312.7144, 325.5371

1.3900

341.4818,
371.3434, 387.5449

■ 0.1752, 0.4021,
0.1339

■ 0.0000, 0.0000,
0.0000

■ 56.7253, 63.3607,
63.8837

■ 56.7253, 63.3607,
63.8837

■ 49.9010, 60.0419,
54.6463

■ 64.5192, 67.1620,
74.1136

■ 44.0027, 57.1783,
46.3678

■ 73.3136, 71.4559,
85.3603

■ 38.9911, 54.7522,
39.0184

■ 81.6939, 75.5143,
97.5843

■ 34.8220, 52.7414,
32.5655

■ 83.0854, 76.0709,
104.9118

■ 31.4474, 51.1220,
26.9745

■ 28.8143, 49.8674,
22.2085

■ 26.8628, 48.9475,
18.2280

■ 25.5233, 48.3272,
14.9899

■ 24.6936, 47.9549,
12.4461

Harmonies

Analogous

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



58.0736, 63.3607, 59.7883



56.7253, 63.3607, 63.8837



56.3070, 63.3607, 69.5635

Triad

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



56.7253, 63.3607, 63.8837



60.4227, 63.3607, 81.1016



63.6527, 63.3607, 62.9457

Complementary

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



56.7253, 63.3607, 63.8837



58.3432, 57.7321, 67.7460

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.



64.3153, 63.3607, 68.4178



56.7253, 63.3607, 63.8837



62.4237, 63.3607, 79.0884

Square

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



56.7253, 63.3607, 63.8837



58.4124, 63.3607, 79.7175



63.8604, 63.3607, 74.3594



62.0695, 63.3607, 59.2691

Rectangle

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



56.7253, 63.3607, 63.8837



56.6038, 63.3607, 73.5456



63.8604, 63.3607, 74.3594



63.9921, 63.3607, 64.6247

Sweetspot

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



56.7271, 63.3634, 63.8851



91.4144, 98.2271, 104.1528



59.7157, 64.9705, 61.0240



19.3634, 20.9257, 22.0265



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.



56.7271, 63.3634, 63.8851



83.4579, 94.3504, 93.6137



57.7859, 63.7869, 69.4609



12.4027, 13.9521, 13.9353



15.0568, 29.2781, 7.5948



0.9433, 1.7800, 0.6429

Inverse Universe

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



58.3432, 57.7321, 67.7460



86.3284, 84.3479, 100.4710



57.2898, 57.3108, 62.1987



12.7991, 12.5711, 14.8821



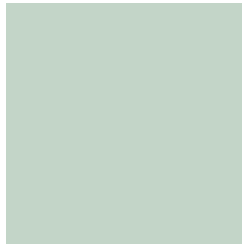
20.3622, 10.0812, 19.7433



1.2624, 0.6218, 1.3714

Previews

White Background



This preview shows how the XYZ color 56.7253, 63.3607, 63.8837 looks on a white background.

Color Contrast Check

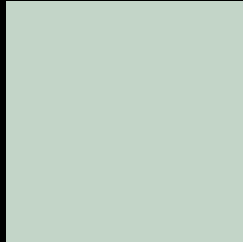
Large Text (above 18pt) WCAG AA × Fail

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 56.7253, 63.3607, 63.8837 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

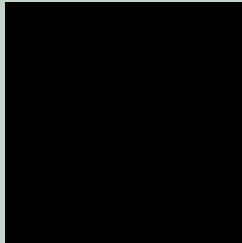
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

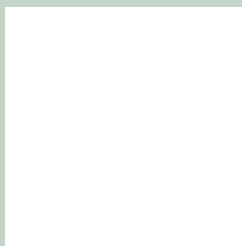
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.7253, 63.3607, 63.8837

Background



This preview shows how black text looks on a background with the XYZ color 56.7253, 63.3607, 63.8837.



This preview shows how white text looks on a background with the XYZ color 56.7253, 63.3607,

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

56.7253, 63.3607, 63.8837

Protanopia

60.4152, 63.1039, 61.8194

Deuteranopia

64.1804, 62.8606, 64.6277



Tritanopia

60.0811, 63.2340, 80.9903

Trichromacy



Original Color

56.7253, 63.3607, 63.8837

Protanomaly

59.0059, 63.0880, 62.4933

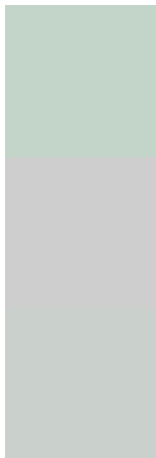
Deuteranomaly

60.9892, 62.6314, 64.1329

Tritanomaly

58.8597, 63.1087, 74.7246

Monochromacy



Original Color

56.7253, 63.3607, 63.8837

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.0567, 62.5171, 66.1338

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.7253, 63.3607, 63.8837 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(195, 213, 200)` looks like.

```
.text, #text, p{  
    color:rgb(195, 213, 200)  
}
```

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(195, 213, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 213, 200) }
```

Border

The CSS property to change the border of an element to XYZ 56.7253, 63.3607, 63.8837 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(195, 213, 200) }
```


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

```
.border{ border-color:rgb(195, 213, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 213, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 213, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 213, 200);  
box-shadow:4px 4px 4px 4px rgb(195, 213,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 56.7253, 63.3607, 63.8837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 213, 200) }
```

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

```
.background{ background-color: rgb(195,  
213, 200) }
```

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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