

Converting Colors

XYZ(57.0277, 63.4945, 61.0158)

Have a look what the booklet for
XYZ(57.0277, 63.4945, 61.0158)
contains.

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Color

**XYZ(56.9333, 63.5344,
60.8924)**

Conversions

Conversions Part 1

Format	Color
Hex	C6D5C3
RGB	198, 213, 195
RGB Percent	78%, 84%, 76%
CMY	0.2235, 0.1647, 0.2353
CMYK	0.07, 0.00, 0.08, 0.16
HSL	110°, 18%, 80%
HSV	110°, 8%, 84%
XYZ	56.9333, 63.5344, 60.8924
YIQ	206.4630, -3.1620, -8.7780

Conversions

Conversions Part 2

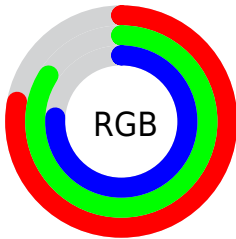
Format	Color
RYB	195, 213, 210
Decimal	13030851
CIELab	83.72, -8.36, 7.16
CIElCh	84, 11.004, 139.418
Yxy	63.5344, 0.3139, 0.3503
Android (android.graphics.Color)	4291220931 (0xFFC6D5C3)
YUV	206.4630, -5.6513, -7.4221
Hunter-Lab	79.7085, -11.9928, 10.5020

Details

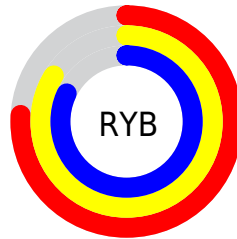
The XYZ color **56.9333, 63.5344, 60.8924** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.1061, 57.5377, 70.9974**, and the grayscale version is **59.0010, 62.0737, 67.5982**.

A 20% lighter version of the original color is **94.5707, 99.8083, 106.3760**, and **28.5362, 32.3061, 29.9310** is the 20% darker color. If you saturate the color by 10%, you get **50.2870, 60.3687, 48.8937**, and if you desaturate by 10%, it is **64.4751, 67.1258, 74.7291**.

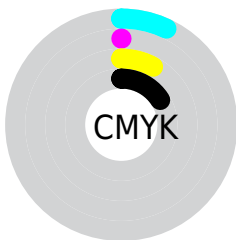
Distribution



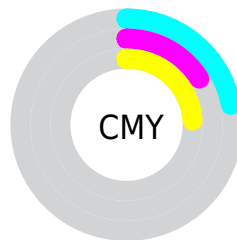
- Red (78%)
- Green (84%)
- Blue (76%)



- Red (76%)
- Yellow (84%)
- Blue (82%)



- Cyan (7%)
- Magenta (0%)
- Yellow (8%)
- Black (16%)



- Cyan (22%)
- Magenta (16%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.9333, 63.5344, 60.8924 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 56.9333, 63.5344, 60.8924 by changing the saturation by 10% instead.

■ 56.9333, 63.5344,
60.8924

■ 56.9333, 63.5344,
60.8924

403.2176,
437.5063, 445.7750

■ 41.1916, 46.2737,
43.7083

99.4998, 109.9401,
107.6791

■ 28.6572, 32.4618,
30.1058

127.0553,
139.8539, 138.1189

■ 18.9646, 21.7145,
19.6662

159.2795,
174.7542, 173.8143

■ 11.7486, 13.6473,
11.9709

196.5376,
215.0253, 215.1839

■ 6.6437, 7.8757,
6.6016

239.1952,
261.0517, 262.6462

■ 3.2846, 4.0155,
3.1396

287.6174,

■ 1.3060, 1.6823,

313.2177, 316.6198

1.1663

342.1698,
371.9078, 377.5232

■ 0.1877, 0.4121,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.9333, 63.5344,
60.8924

■ 56.9333, 63.5344,
60.8924

■ 50.2870, 60.3687,
48.8937

■ 64.4751, 67.1258,
74.7291

■ 44.4977, 57.6048,
38.6516

■ 72.9388, 71.1493,
90.4720

■ 39.5316, 55.2292,
30.0851

■ 81.7212, 75.3677,
104.8480

■ 35.3509, 53.2241,
23.1048

■ 83.0855, 76.0710,
104.9118

■ 31.9145, 51.5706,
17.6133

■ 29.1778, 50.2479,
13.5025

■ 27.0908, 49.2331,
10.6494

■ 25.5970, 48.4999,
8.9094

■ 24.6217, 48.0148,
8.0648

Harmonies

Analogous

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



58.8588, 63.5344, 57.3924



56.9333, 63.5344, 60.8924



55.9424, 63.5344, 66.7676

Triad

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



56.9333, 63.5344, 60.8924



59.5399, 63.5344, 83.0731



64.8679, 63.5344, 64.8556

Complementary

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



56.9333, 63.5344, 60.8924



58.1061, 57.5377, 70.9974

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.



65.0621, 63.5344, 71.6461



56.9333, 63.5344, 60.8924



61.9426, 63.5344, 82.4761

Square

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



56.9333, 63.5344, 60.8924



57.4205, 63.5344, 79.7640



63.9787, 63.5344, 78.1834



63.4551, 63.5344, 59.5730

Rectangle

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



56.9333, 63.5344, 60.8924



55.9269, 63.5344, 71.3745



63.9787, 63.5344, 78.1834



65.0793, 63.5344, 67.0273

Sweetspot

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



56.9351, 63.5371, 60.8938



91.5358, 98.3279, 102.4339



60.3402, 64.1824, 60.8389



19.3960, 20.9527, 21.5646



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.



56.9351, 63.5371, 60.8938



83.8221, 94.6551, 88.3477



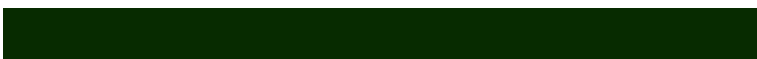
56.8445, 63.4105, 64.5034



12.4533, 13.9944, 13.2055



15.0264, 29.3227, 4.8679



0.9671, 1.7999, 0.2965

Inverse Universe

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



58.1061, 57.5377, 70.9974



85.9019, 83.9988, 106.2936



58.2204, 57.6830, 67.0993



12.7405, 12.5231, 15.6832



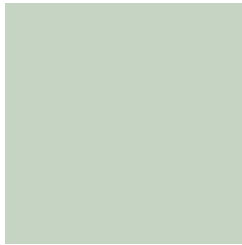
18.5574, 8.7192, 39.1580



1.1745, 0.5544, 2.3644

Previews

White Background



This preview shows how the XYZ color 56.9333, 63.5344, 60.8924 looks on a white background.

Color Contrast Check

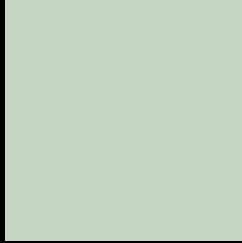
Large Text (above 18pt) WCAG AA × Fail

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 56.9333, 63.5344, 60.8924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

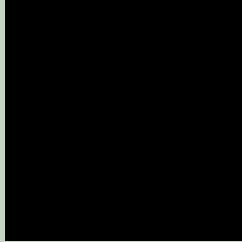
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

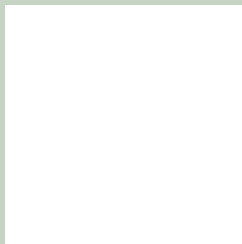
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.9333, 63.5344, 60.8924

Background



This preview shows how black text looks on a background with the XYZ color 56.9333, 63.5344, 60.8924.



This preview shows how white text looks on a background with the XYZ color 56.9333, 63.5344,

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

56.9333, 63.5344, 60.8924

Protanopia

60.3892, 63.5165, 58.9462

Deuteranopia

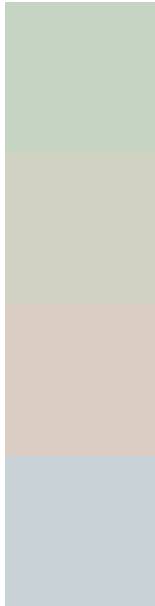
64.5690, 63.1281, 61.6051



Tritanopia

61.0197, 63.7337, 80.3199

Trichromacy



Original Color

56.9333, 63.5344, 60.8924

Protanomaly

58.9667, 63.4988, 59.6007

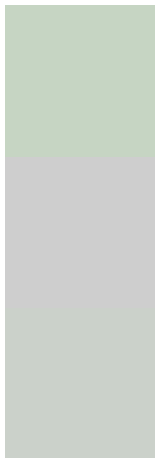
Deuteranomaly

61.3103, 62.8638, 61.1271

Tritanomaly

59.2716, 63.3657, 72.7252

Monochromacy



Original Color

56.9333, 63.5344, 60.8924

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.0897, 62.5617, 64.8911

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.9333, 63.5344, 60.8924 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(198, 213, 195) looks like.

```
.text, #text, p{  
    color:rgb(198, 213, 195)  
}
```

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(198, 213, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 213, 195) }
```

Border

The CSS property to change the border of an element to XYZ 56.9333, 63.5344, 60.8924 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(198, 213, 195) }
```


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

```
.border{ border-color:rgb(198, 213, 195) }
```

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

Here you see how a box with a 4 pixel rgb(198, 213, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 213, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 213, 195);  
box-shadow:4px 4px 4px 4px rgb(198, 213,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 56.9333, 63.5344, 60.8924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 213, 195) }
```

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

```
.background{ background-color: rgb(198,  
213, 195) }
```

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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