

Converting Colors

XYZ(56.1495, 60.3444, 67.7022)

Have a look what the booklet for
XYZ(56.1495, 60.3444, 67.7022)
contains.

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Color

**XYZ(56.0987, 60.3834,
67.7299)**

Conversions

Conversions Part 1

Format	Color
Hex	C4CECF
RGB	196, 206, 207
RGB Percent	77%, 81%, 81%
CMY	0.2314, 0.1921, 0.1882
CMYK	0.05, 0.00, 0.00, 0.19
HSL	185°, 10%, 79%
HSV	185°, 5%, 81%
XYZ	56.0987, 60.3834, 67.7299
YIQ	203.1240, -6.2810, -1.8090

Conversions

Conversions Part 2

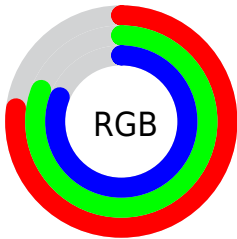
Format	Color
RYB	196, 201, 207
Decimal	12897999
CIELab	82.05, -3.20, -1.68
CIELCh	82, 3.615, 207.733
Yxy	60.3834, 0.3045, 0.3278
Android (android.graphics.Color)	4291088079 (0xFFC4CECF)
YUV	203.1240, 1.9109, -6.2477
Hunter-Lab	77.7068, -7.1226, 2.7170

Details

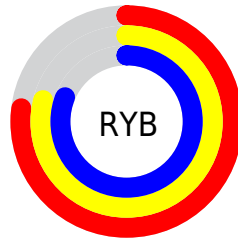
The XYZ color **56.0987, 60.3834, 67.7299** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.6622, 57.1827, 60.3290**, and the grayscale version is **56.8353, 59.7951, 65.1169**.

A 20% lighter version of the original color is **94.3180, 99.6226, 108.8657**, and **28.1333, 30.5072, 34.5427** is the 20% darker color. If you saturate the color by 10%, you get **50.6332, 56.9013, 67.3468**, and if you desaturate by 10%, it is **62.3159, 64.2644, 68.1522**.

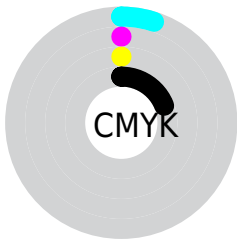
Distribution



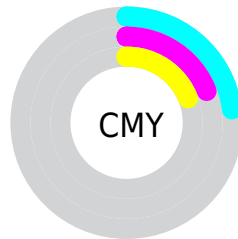
- Red (77%)
- Green (81%)
- Blue (81%)



- Red (77%)
- Yellow (79%)
- Blue (81%)



- Cyan (5%)
- Magenta (0%)
- Yellow (0%)
- Black (19%)



- Cyan (23%)
- Magenta (19%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.0987, 60.3834, 67.7299 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 56.0987, 60.3834, 67.7299 by changing the saturation by 10% instead.

■ 56.0987, 60.3834,
67.7299

■ 56.0987, 60.3834,
67.7299

400.1323,
426.0095, 471.1105

■ 40.5194, 43.7277,
49.2127

98.2878, 105.3856,
117.6162

■ 28.1297, 30.4565,
34.4215

125.6284,
134.5010, 149.8224

■ 18.5644, 20.1854,
22.9376

157.6200,
168.5384, 187.4287

■ 11.4581, 12.5299,
14.3426

194.6281,
207.8822, 230.8537

■ 6.4454, 7.1056,
8.2178

237.0181,
252.9168, 280.5158

■ 3.1610, 3.5282,
4.1449

285.1552,

■ 1.2395, 1.4133,

304.0267, 336.8336

1.7052

339.4048,
361.5961, 400.2256

■ 0.1372, 0.2265,
0.3643

■ 0.0000, 0.0000,
0.0000

■ 56.0987, 60.3834,
67.7299

■ 56.0987, 60.3834,
67.7299

■ 50.6332, 56.9013,
67.3468

■ 62.3159, 64.2644,
68.1522

■ 45.8840, 53.7947,
66.9975

■ 69.3082, 68.5513,
68.6112

■ 41.8206, 51.0496,
66.6818

■ 75.9539, 72.6676,
69.0554

■ 38.4080, 48.6480,
66.3981

■ 76.4244, 73.6085,
69.2122

■ 35.6085, 46.5703,
66.1446

■ 76.9003, 74.5603,
69.3709

■ 33.3802, 44.7949,
65.9193

■ 77.3817, 75.5231,
69.5313

■ 31.6760, 43.2975,
65.7201

■ 77.8686, 76.4969,
69.6936

■ 30.4412, 42.0500,
65.5444

■ 78.3610, 77.4817,
69.8578

■ 29.6091, 41.0177,
65.3890

■ 78.8589, 78.4775,
70.0237

Harmonies

Analogous

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



55.9333, 60.3834, 65.5805



56.0987, 60.3834, 67.7299



56.6098, 60.3834, 69.3791

Triad

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



56.0987, 60.3834, 67.7299



58.6471, 60.3834, 68.0252



57.4509, 60.3834, 61.6216

Complementary

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



56.0987, 60.3834, 67.7299



55.6622, 57.1827, 60.3290

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.



58.1826, 60.3834, 62.2444



56.0987, 60.3834, 67.7299



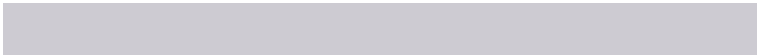
58.8770, 60.3834, 65.9143

Square

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



56.0987, 60.3834, 67.7299



58.0808, 60.3834, 69.5523



58.7063, 60.3834, 63.8037



56.7099, 60.3834, 62.0836

Rectangle

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



56.0987, 60.3834, 67.7299



57.0802, 60.3834, 69.9561



58.7063, 60.3834, 63.8037



57.7061, 60.3834, 61.7107

Sweetspot

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



56.1004, 60.3860, 67.7312



93.0513, 98.7511, 108.7643



55.1471, 60.3897, 61.5239



19.9378, 21.1499, 23.2815



0.0000, 0.0000, 0.0000



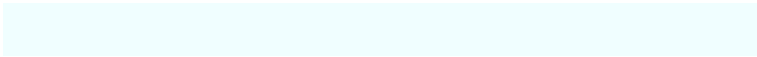
20.3446, 21.4041, 23.3091

Same Dimension

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



56.1004, 60.3860, 67.7312



89.2028, 96.3316, 108.5001



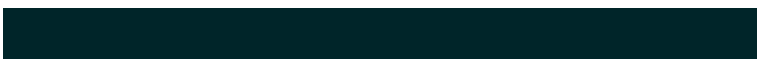
54.8179, 57.8209, 67.3037



12.4201, 13.4427, 15.1837



18.4958, 25.6383, 41.1663



1.0616, 1.4883, 2.3109

Inverse Universe

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



56.6139, 57.2025, 66.4529



90.1395, 90.5347, 106.1662



56.9152, 59.6887, 60.7466



12.5620, 12.5655, 14.8299



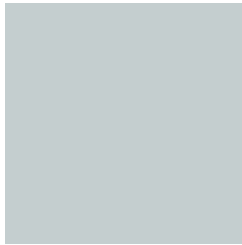
21.9666, 10.6595, 31.0598



1.2421, 0.6015, 1.8095

Previews

White Background



This preview shows how the XYZ color 56.0987, 60.3834, 67.7299 looks on a white background.

Color Contrast Check

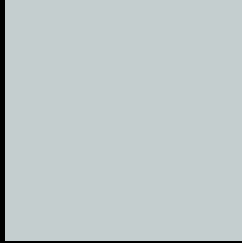
Large Text (above 18pt) WCAG AA × Fail

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 56.0987, 60.3834, 67.7299 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

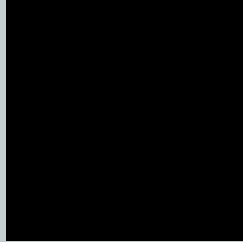
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

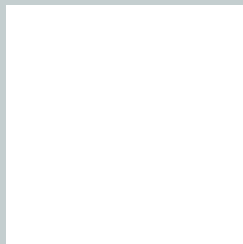
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.0987, 60.3834, 67.7299

Background



This preview shows how black text looks on a background with the XYZ color 56.0987, 60.3834, 67.7299.

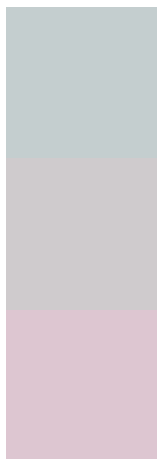


This preview shows how white text looks on a background with the XYZ color 56.0987, 60.3834,

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

56.0987, 60.3834, 67.7299

Protanopia

58.1075, 60.3850, 66.3505

Deuteranopia

61.5215, 60.3638, 68.7304



Tritanopia

57.7998, 60.3588, 76.3142

Trichromacy



Original Color

56.0987, 60.3834, 67.7299

Protanomaly

57.3620, 60.3385, 67.0157

Deuteranomaly

59.4232, 60.3244, 68.1863

Tritanomaly

57.1230, 60.4393, 72.9452

Monochromacy



Original Color

56.0987, 60.3834, 67.7299

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.3114, 59.8247, 65.7061

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0987, 60.3834, 67.7299 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, 206, 207) looks like.

```
.text, #text, p{  
    color:rgb(196, 206, 207)  
}
```

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, 206, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 206, 207) }
```

Border

The CSS property to change the border of an element to XYZ 56.0987, 60.3834, 67.7299 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, 206, 207) }
```


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

```
.border{ border-color:rgb(196, 206, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 206, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 206, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 206, 207);  
box-shadow:4px 4px 4px 4px rgb(196, 206,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0987, 60.3834, 67.7299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 206, 207) }
```

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

```
.background{ background-color: rgb(196,  
206, 207) }
```

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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