

Converting Colors

XYZ(56.0101, 63.8909, 60.3044)

Have a look what the booklet for
XYZ(56.0101, 63.8909, 60.3044)
contains.

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Color

**XYZ(56.0304, 63.8334,
60.4069)**

Conversions

Conversions Part 1

Format	Color
Hex	C1D7C2
RGB	193, 215, 194
RGB Percent	76%, 84%, 76%
CMY	0.2431, 0.1568, 0.2392
CMYK	0.10, 0.00, 0.10, 0.16
HSL	123°, 22%, 80%
HSV	123°, 10%, 84%
XYZ	56.0304, 63.8334, 60.4069
YIQ	206.0280, -6.3710, -11.1950

Conversions

Conversions Part 2

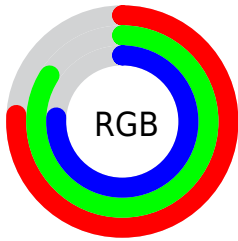
Format	Color
RYB	193, 214, 215
Decimal	12703682
CIELab	83.88, -11.27, 7.87
CIELCh	84, 13.744, 145.085
Yxy	63.8334, 0.3108, 0.3541
Android (android.graphics.Color)	4290893762 (0xFFC1D7C2)
YUV	206.0280, -5.9298, -11.4256
Hunter-Lab	79.8958, -14.6368, 11.0996

Details

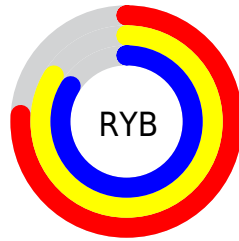
The XYZ color **56.0304, 63.8334, 60.4069** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.2342, 57.4437, 71.5872**, and the grayscale version is **58.7253, 61.7836, 67.2824**.

A 20% lighter version of the original color is **92.4397, 98.7461, 104.6303**, and **27.9519, 32.5240, 29.6155** is the 20% darker color. If you saturate the color by 10%, you get **48.7948, 60.3533, 48.8560**, and if you desaturate by 10%, it is **64.3847, 67.8570, 73.6746**.

Distribution



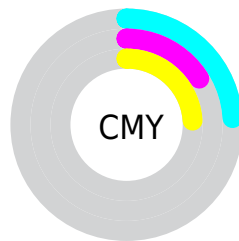
- Red (76%)
- Green (84%)
- Blue (76%)



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



- Cyan (10%)
- Magenta (0%)
- Yellow (10%)
- Black (16%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.0304, 63.8334, 60.4069 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 56.0304, 63.8334, 60.4069 by changing the saturation by 10% instead.

■ 56.0304, 63.8334,
60.4069

■ 56.0304, 63.8334,
60.4069

399.8792,
438.5878, 443.9422

■ 40.4644, 46.5158,
43.3193

■ 98.1886, 110.3710,
106.9688

■ 28.0866, 32.6530,
29.8024

125.5115,
140.3597, 137.2802

■ 18.5318, 21.8608,
19.4379

157.4840,
175.3409, 172.8366

■ 11.4344, 13.7546,
11.8071

194.4716,
215.6989, 214.0565

■ 6.4293, 7.9502,
6.4915

236.8395,
261.8183, 261.3585

■ 3.1509, 4.0631,
3.0726

284.9532,

■ 1.2341, 1.7089,

314.0832, 315.1610

1.1318

339.1780,
372.8783, 375.8828

■ 0.1330, 0.4294,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.0304, 63.8334,
60.4069

■ 56.0304, 63.8334,
60.4069

■ 48.7948, 60.3533,
48.8560

■ 64.3847, 67.8570,
73.6746

■ 42.6255, 57.3859,
38.9476

■ 73.8969, 72.4376,
88.7206

■ 37.4737, 54.9092,
30.6087

■ 83.5917, 77.0834,
105.0806

■ 33.2846, 52.8970,
23.7586

■ 29.9985, 51.3201,
18.3097

■ 27.5489, 50.1465,
14.1654

■ 25.8601, 49.3394,
11.2167

■ 24.8429, 48.8556,
9.3368

■ 24.3552, 48.6248,
8.3825

Harmonies

Analogous

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



58.2413, 63.8334, 55.4945



56.0304, 63.8334, 60.4069



55.0644, 63.8334, 68.0875

Triad

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



56.0304, 63.8334, 60.4069



60.1752, 63.8334, 87.4381



66.0882, 63.8334, 62.6842

Complementary

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



56.0304, 63.8334, 60.4069



59.2342, 57.4437, 71.5872

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.



66.6474, 63.8334, 70.9394



56.0304, 63.8334, 60.4069



63.1688, 63.8334, 85.6920

Square

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



56.0304, 63.8334, 60.4069



57.4062, 63.8334, 84.0629



65.5625, 63.8334, 79.4708



64.0589, 63.8334, 56.7308

Rectangle

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



56.0304, 63.8334, 60.4069



55.2322, 63.8334, 73.9254



65.5625, 63.8334, 79.4708



66.4572, 63.8334, 65.2620

Sweetspot

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



56.0322, 63.8361, 60.4083



91.1377, 98.1164, 102.6962



61.7383, 66.7907, 60.0909



19.2891, 20.8959, 21.6350



0.0000, 0.0000, 0.0000



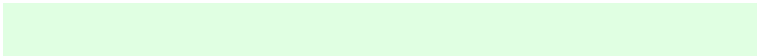
20.3446, 21.4041, 23.3091

Same Dimension

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



56.0322, 63.8361, 60.4083



80.3234, 92.9108, 85.5013



57.2820, 64.3361, 66.9901



12.2851, 13.9050, 13.3156



14.5771, 29.0862, 5.0689



0.8875, 1.7576, 0.3491

Inverse Universe

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



59.2342, 57.4437, 71.5872



85.8301, 81.9173, 104.7259



57.9077, 56.9130, 64.6018



12.9275, 12.6225, 15.5585



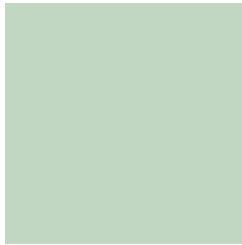
23.3803, 11.2884, 35.6363



1.4179, 0.6839, 2.1900

Previews

White Background



This preview shows how the XYZ color 56.0304, 63.8334, 60.4069 looks on a white background.

Color Contrast Check

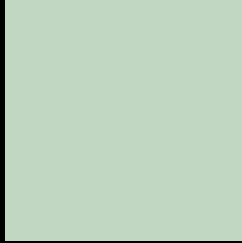
Large Text (above 18pt) WCAG AA × Fail

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 56.0304, 63.8334, 60.4069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

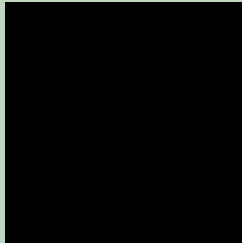
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

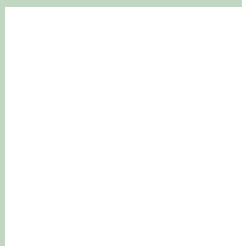
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.0304, 63.8334, 60.4069

Background



This preview shows how black text looks on a background with the XYZ color 56.0304, 63.8334, 60.4069.



This preview shows how white text looks on a background with the XYZ color 56.0304, 63.8334,

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

56.0304, 63.8334, 60.4069

Protanopia

60.4654, 63.5812, 57.8007

Deuteranopia

64.8028, 63.5959, 61.6831



Tritanopia

60.2004, 63.6450, 81.7849

Trichromacy



Original Color

56.0304, 63.8334, 60.4069

Protanomaly

58.7107, 63.7600, 58.5027

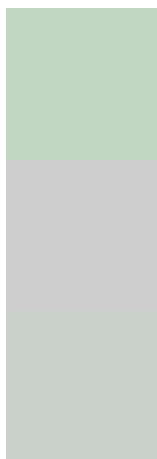
Deuteranomaly

61.1901, 63.5166, 61.2594

Tritanomaly

58.5742, 63.7290, 73.5037

Monochromacy



Original Color

56.0304, 63.8334, 60.4069

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

57.5485, 62.2827, 64.8657

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0304, 63.8334, 60.4069 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, 215, 194)` looks like.

```
.text, #text, p{  
    color:rgb(193, 215, 194)  
}
```

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, 215, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 215, 194) }
```

Border

The CSS property to change the border of an element to XYZ 56.0304, 63.8334, 60.4069 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, 215, 194) }
```


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

```
.border{ border-color:rgb(193, 215, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 215, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 215, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 215, 194);  
box-shadow:4px 4px 4px 4px rgb(193, 215,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0304, 63.8334, 60.4069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 215, 194) }
```

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

```
.background{ background-color: rgb(193,  
215, 194) }
```

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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