

Converting Colors

XYZ(56.0321, 64.9354, 58.4323)

Have a look what the booklet for
XYZ(56.0321, 64.9354, 58.4323)
contains.

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Color

**XYZ(56.1039, 65.0670,
58.3174)**

Conversions

Conversions Part 1

Format	Color
Hex	C0DABE
RGB	192, 218, 190
RGB Percent	75%, 85%, 75%
CMY	0.2471, 0.1451, 0.2549
CMYK	0.12, 0.00, 0.13, 0.15
HSL	116°, 27%, 80%
HSV	116°, 13%, 85%
XYZ	56.1039, 65.0670, 58.3174
YIQ	207.0340, -6.5080, -14.2200

Conversions

Conversions Part 2

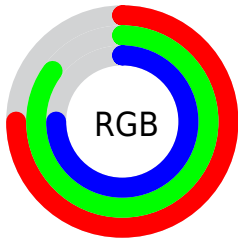
Format	Color
RYB	190, 218, 216
Decimal	12638910
CIELab	84.52, -13.84, 10.89
CIElCh	85, 17.611, 141.818
Yxy	65.0670, 0.3126, 0.3625
Android (android.graphics.Color)	4290828990 (0xFFC0DABE)
YUV	207.0340, -8.3978, -13.1848
Hunter-Lab	80.6641, -17.0110, 13.6002

Details

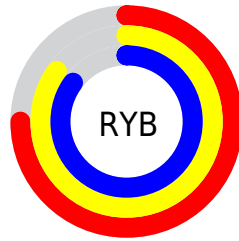
The XYZ color **56.1039, 65.0670, 58.3174** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **59.3899, 56.4896, 74.1065**, and the grayscale version is **59.3870, 62.4797, 68.0404**.

A 20% lighter version of the original color is **91.4615, 98.3136, 101.3447**, and **28.0938, 33.4038, 28.6338** is the 20% darker color. If you saturate the color by 10%, you get **49.1194, 61.7233, 46.4691**, and if you desaturate by 10%, it is **64.1535, 68.9224, 72.0787**.

Distribution



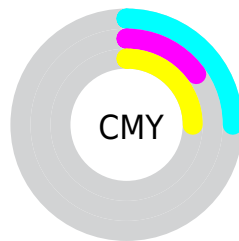
- Red (75%)
- Green (85%)
- Blue (75%)



- Red (75%)
- Yellow (85%)
- Blue (85%)



- Cyan (12%)
- Magenta (0%)
- Yellow (13%)
- Black (15%)



- Cyan (25%)
- Magenta (15%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.1039, 65.0670, 58.3174 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 56.1039, 65.0670, 58.3174 by changing the saturation by 10% instead.

■ 56.1039, 65.0670,
58.3174

■ 56.1039, 65.0670,
58.3174

400.1516,
443.0327, 435.9988

■ 40.5236, 47.5154,
41.6475

■ 98.2954, 112.1462,
103.9043

■ 28.1330, 33.4433,
28.5019

125.6373,
142.4426, 133.6583

■ 18.5669, 22.4663,
18.4620

157.6304,
177.7560, 168.6108

■ 11.4599, 14.1999,
11.1093

194.6400,
218.4709, 209.1802

■ 6.4466, 8.2598,
6.0253

237.0316,
264.9716, 255.7852

■ 3.1617, 4.2617,
2.7914

285.1705,

■ 1.2399, 1.8210,

317.6425, 308.8443

0.9892

339.4221,
376.8681, 368.7760

■ 0.1375, 0.5002,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.1039, 65.0670,
58.3174

■ 56.1039, 65.0670,
58.3174

■ 49.1194, 61.7233,
46.4691

■ 64.1535, 68.9224,
72.0787

■ 43.1502, 58.8617,
36.4450

■ 73.3046, 73.3008,
87.8279

■ 38.1507, 56.4627,
28.1560

■ 83.5335, 78.1979,
105.2988

■ 34.0696, 54.5018,
21.5036

■ 84.3627, 78.6254,
105.3376

■ 30.8508, 52.9525,
16.3793

■ 28.4320, 51.7854,
12.6618

■ 26.7428, 50.9671,
10.2114

■ 25.7001, 50.4584,
8.8595

■ 25.2790, 50.2518,
8.3672

Harmonies

Analogous

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



59.0836, 65.0670, 52.6287



56.1039, 65.0670, 58.3174



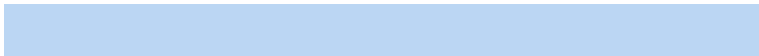
54.6762, 65.0670, 67.8175

Triad

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



56.1039, 65.0670, 58.3174



60.7772, 65.0670, 94.4465



69.1127, 65.0670, 63.1194

Complementary

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



56.1039, 65.0670, 58.3174



59.3899, 56.4896, 74.1065

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.



69.6129, 65.0670, 73.9652



56.1039, 65.0670, 58.3174



64.6895, 65.0670, 92.8480

Square

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



56.1039, 65.0670, 58.3174



57.2988, 65.0670, 89.2155



67.9633, 65.0670, 85.0536



66.6240, 65.0670, 55.1903

Rectangle

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



56.1039, 65.0670, 58.3174



54.7527, 65.0670, 75.3628



67.9633, 65.0670, 85.0536



69.5230, 65.0670, 66.5151

Sweetspot

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



56.1057, 65.0698, 58.3188



90.0517, 97.6080, 100.3202



62.6811, 67.5675, 58.4544



19.0797, 20.7988, 21.1383



0.0000, 0.0000, 0.0000



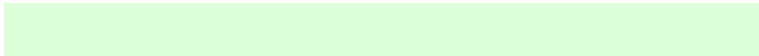
20.3446, 21.4041, 23.3091

Same Dimension

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



56.1057, 65.0698, 58.3188



77.6103, 91.6516, 79.0753



56.9299, 65.3414, 65.2839



12.9722, 14.6504, 13.8697



15.1774, 30.1217, 5.0141



1.0141, 1.9673, 0.3263

Inverse Universe

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



59.3899, 56.4896, 74.1065



83.0408, 77.4626, 105.1828



58.5103, 56.2065, 66.3725



13.5178, 13.2251, 16.4924



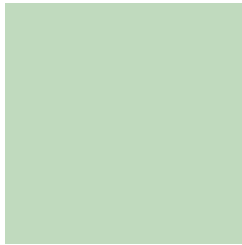
22.2834, 10.6117, 40.6122



1.4717, 0.7019, 2.6324

Previews

White Background



This preview shows how the XYZ color 56.1039, 65.0670, 58.3174 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 56.1039, 65.0670, 58.3174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

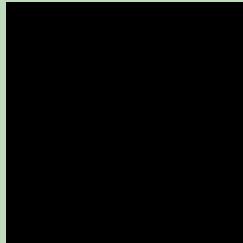
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.1039, 65.0670, 58.3174

Background



This preview shows how black text looks on a background with the XYZ color 56.1039, 65.0670, 58.3174.



This preview shows how white text looks on a background with the XYZ color 56.1039, 65.0670,

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

56.1039, 65.0670, 58.3174

Protanopia

61.4247, 64.8540, 55.7350

Deuteranopia

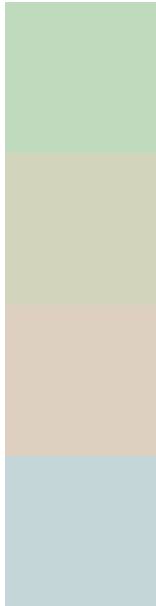
65.9066, 64.5667, 59.4410



Tritanopia

60.9750, 64.7499, 83.4130

Trichromacy



Original Color

56.1039, 65.0670, 58.3174

Protanomaly

59.3422, 64.8780, 56.4087

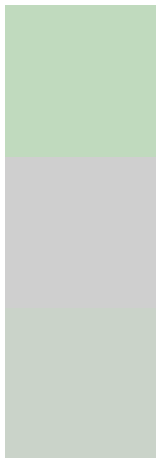
Deuteranomaly

61.8891, 64.2897, 59.0164

Tritanomaly

59.0773, 64.7352, 73.6714

Monochromacy



Original Color

56.1039, 65.0670, 58.3174

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.1940, 63.3621, 64.4213

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.1039, 65.0670, 58.3174 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(192, 218, 190)` looks like.

```
.text, #text, p{  
    color:rgb(192, 218, 190)  
}
```

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(192, 218, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 218, 190) }
```

Border

The CSS property to change the border of an element to XYZ 56.1039, 65.0670, 58.3174 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(192, 218, 190) }
```


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

```
.border{ border-color:rgb(192, 218, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 218, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 218, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 218, 190);  
box-shadow:4px 4px 4px 4px rgb(192, 218,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 56.1039, 65.0670, 58.3174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 218, 190) }
```

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

```
.background{ background-color: rgb(192,  
218, 190) }
```

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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