

Converting Colors

XYZ(56.0534, 56.8420, 63.5076)

Have a look what the booklet for
XYZ(56.0534, 56.8420, 63.5076)
contains.

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Color

**XYZ(56.0147, 56.9623,
63.3009)**

Conversions

Conversions Part 1

Format	Color
Hex	CFC4C9
RGB	207, 196, 201
RGB Percent	81%, 77%, 79%
CMY	0.1882, 0.2314, 0.2118
CMYK	0.00, 0.05, 0.03, 0.19
HSL	333°, 10%, 79%
HSV	333°, 5%, 81%
XYZ	56.0147, 56.9623, 63.3009
YIQ	199.8590, 4.9510, 3.8870

Conversions

Conversions Part 2

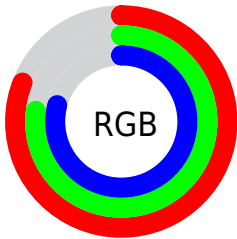
Format	Color
R_{YB}	207, 196, 201
Decimal	13616329
CIE _{Lab}	80.16, 4.73, -1.13
CIE _{LCh}	80, 4.861, 346.539
Yxy	56.9623, 0.3178, 0.3231
Android (android.graphics.Color)	4291806409 (0xFFCFC4C9)
YUV	199.8590, 0.5625, 6.2627
Hunter-Lab	75.4734, 0.4004, 3.1038

Details

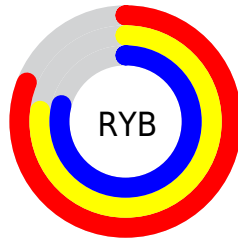
The XYZ color **56.0147, 56.9623, 63.3009** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.7406, 60.6272, 64.6445**, and the grayscale version is **54.8088, 57.6632, 62.7952**.

A 20% lighter version of the original color is **94.4153, 98.7306, 108.6884**, and **28.0763, 28.2249, 31.5719** is the 20% darker color. If you saturate the color by 10%, you get **50.3841, 47.7492, 55.1084**, and if you desaturate by 10%, it is **62.3904, 67.5078, 72.2252**.

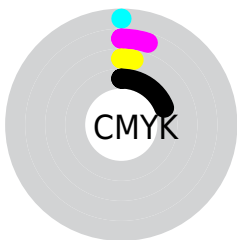
Distribution



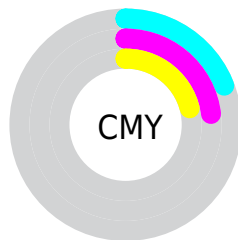
- Red (81%)
- Green (77%)
- Blue (79%)



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



- Cyan (0%)
- Magenta (5%)
- Yellow (3%)
- Black (19%)



- Cyan (19%)
- Magenta (23%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.0147, 56.9623, 63.3009 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 56.0147, 56.9623, 63.3009 by changing the saturation by 10% instead.

■ 56.0147, 56.9623,
63.3009

■ 56.0147, 56.9623,
63.3009

399.8210,
413.3080, 454.7987

■ 40.4518, 40.9750,
45.6421

98.1658, 100.4102,
111.1933

■ 28.0767, 28.2995,
31.6169

125.4846,
128.6395, 142.2639

■ 18.5243, 18.5516,
20.8066

157.4527,
161.7183, 178.6423

■ 11.4290, 11.3467,
12.7929

194.4356,
200.0310, 220.7469

■ 6.4256, 6.3005,
7.1570

236.7985,
243.9619, 268.9963

■ 3.1486, 3.0287,
3.4806

284.9068,

■ 1.2328, 1.1467,

293.8954, 323.8091

1.3449

339.1258,
350.2160, 385.6037

■ 0.1321, 0.0175,
0.0982

■ 0.0000, 0.0000,
0.0000

■ 56.0147, 56.9623,
63.3009

■ 56.0147, 56.9623,
63.3009

■ 50.3841, 47.7492,
55.1084

■ 62.3904, 67.5078,
72.2252

■ 45.4655, 39.8078,
47.6243

■ 69.5332, 79.4285,
81.8966

■ 41.2304, 33.0838,
40.8291

■ 76.4713, 90.7771,
92.0014

■ 37.6463, 27.5158,
34.7010

■ 78.1546, 91.4504,
100.8658

■ 34.6780, 23.0374,
29.2169

■ 79.5425, 92.0056,
108.1743

■ 32.2871, 19.5750,
24.3519

■ 30.4300, 17.0460,
20.0792

■ 29.0568, 15.3546,
16.3690

■ 28.1068, 14.3838,
13.1875

Harmonies

Analogous

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



55.5354, 56.9623, 65.8510



56.0147, 56.9623, 63.3009



55.9876, 56.9623, 60.4822

Triad

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



56.0147, 56.9623, 63.3009



53.6005, 56.9623, 56.9382



52.8412, 56.9623, 66.0669

Complementary

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



56.0147, 56.9623, 63.3009



55.7406, 60.6272, 64.6445

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.



52.3354, 56.9623, 63.5882



56.0147, 56.9623, 63.3009



52.7701, 56.9623, 58.3449

Square

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



56.0147, 56.9623, 63.3009



54.5856, 56.9623, 56.8666



52.3095, 56.9623, 60.7610



53.6987, 56.9623, 67.4805

Rectangle

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



56.0147, 56.9623, 63.3009



55.6859, 56.9623, 58.8307



52.3095, 56.9623, 60.7610



52.6249, 56.9623, 65.3272

Sweetspot

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



56.0163, 56.9648, 63.3021



92.9997, 96.6111, 106.0223



55.3256, 56.5255, 67.0269



19.9273, 20.7143, 22.7234



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.



56.0163, 56.9648, 63.3021



89.0467, 90.0976, 100.4117



55.5207, 56.8990, 60.2838



12.3964, 12.4992, 13.9576



17.5334, 8.8862, 7.7148



1.0201, 0.5128, 0.6408

Inverse Universe

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



56.0163, 56.9648, 63.3021



89.0467, 90.0976, 100.4117



56.2533, 60.6904, 67.7819



12.3964, 12.4992, 13.9576



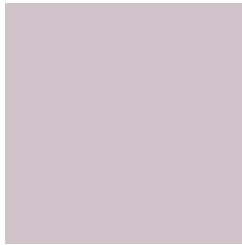
17.5334, 8.8862, 7.7148



1.0201, 0.5128, 0.6408

Previews

White Background



This preview shows how the XYZ color 56.0147, 56.9623, 63.3009 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 56.0147, 56.9623, 63.3009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

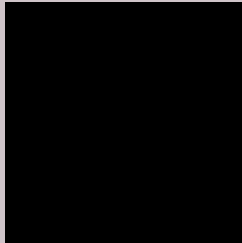
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.0147, 56.9623, 63.3009

Background



This preview shows how black text looks on a background with the XYZ color 56.0147, 56.9623, 63.3009.



This preview shows how white text looks on a background with the XYZ color 56.0147, 56.9623,

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

56.0147, 56.9623, 63.3009

Protanopia

54.9421, 57.0699, 63.9970

Deuteranopia

58.3459, 57.1559, 63.8341



Tritanopia

57.1604, 57.0933, 68.9802

Trichromacy



Original Color

56.0147, 56.9623, 63.3009

Protanomaly

55.2555, 56.8933, 63.9463

Deuteranomaly

57.3930, 56.9940, 63.8531

Tritanomaly

56.7900, 56.9451, 67.0298

Monochromacy



Original Color

56.0147, 56.9623, 63.3009

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.4774, 57.7135, 62.8594

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0147, 56.9623, 63.3009 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(207, 196, 201)` looks like.

```
.text, #text, p{  
    color:rgb(207, 196, 201)  
}
```

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(207, 196, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 196, 201) }
```

Border

The CSS property to change the border of an element to XYZ 56.0147, 56.9623, 63.3009 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(207, 196, 201) }
```


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

```
.border{ border-color:rgb(207, 196, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 196, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 196, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 196, 201);  
box-shadow:4px 4px 4px 4px rgb(207, 196,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0147, 56.9623, 63.3009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 196, 201) }
```

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

```
.background{ background-color: rgb(207,  
196, 201) }
```

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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