

Converting Colors

XYZ(56.7560, 56.9903, 67.9673)

Have a look what the booklet for
XYZ(56.7560, 56.9903, 67.9673)
contains.

XYZ(56.6324, 56.8497, 67.6627)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(56.6324, 56.8497,
67.6627)**

Conversions

Conversions Part 1

Format	Color
Hex	CFC3D0
RGB	207, 195, 208
RGB Percent	81%, 76%, 82%
CMY	0.1882, 0.2353, 0.1843
CMYK	0.00, 0.06, 0.00, 0.18
HSL	295°, 12%, 79%
HSV	295°, 6%, 82%
XYZ	56.6324, 56.8497, 67.6627
YIQ	200.0700, 2.9790, 6.5870

Conversions

Conversions Part 2

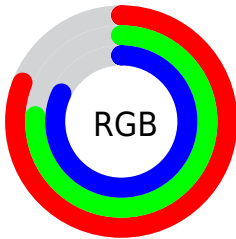
Format	Color
R_{YB}	207, 195, 208
Decimal	13616080
CIE _{Lab}	80.09, 6.54, -4.99
CIE _{LCh}	80, 8.223, 322.639
Yxy	56.8497, 0.3126, 0.3138
Android (android.graphics.Color)	4291806160 (0xFFCFC3D0)
YUV	200.0700, 3.9095, 6.0776
Hunter-Lab	75.3987, 2.1245, -0.4276

Details

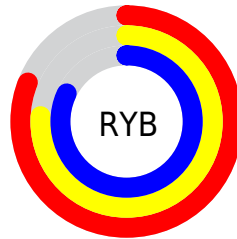
The XYZ color **56.6324, 56.8497, 67.6627** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.1733, 60.7891, 60.4582**, and the grayscale version is **54.9196, 57.7797, 62.9221**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **28.4945, 28.1552, 34.5045** is the 20% darker color. If you saturate the color by 10%, you get **51.8486, 47.9417, 66.1963**, and if you desaturate by 10%, it is **62.0732, 67.0633, 69.3482**.

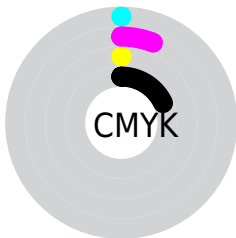
Distribution



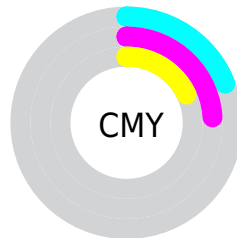
- Red (81%)
- Green (76%)
- Blue (82%)



- Red (81%)
- Yellow (76%)
- Blue (82%)



- Cyan (0%)
- Magenta (6%)
- Yellow (0%)
- Black (18%)



- Cyan (19%)
- Magenta (24%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.6324, 56.8497, 67.6627 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 56.6324, 56.8497, 67.6627 by changing the saturation by 10% instead.

■ 56.6324, 56.8497,
67.6627

■ 56.6324, 56.8497,
67.6627

402.1069,
412.8859, 470.8656

■ 40.9492, 40.8846,
49.1584

■ 99.0631, 100.2458,
117.5191

■ 28.4669, 28.2289,
34.3787

126.5412,
128.4457, 149.7083

■ 18.8201, 18.4983,
22.9049

158.6817,
161.4925, 187.2963

■ 11.6436, 11.3083,
14.3187

195.8499,
199.7708, 230.7014

■ 6.5720, 6.2746,
8.2014

238.4112,
243.6648, 280.3424

■ 3.2398, 3.0128,
4.1345

286.7309,

■ 1.2818, 1.1384,

293.5591, 336.6378

1.6994

341.1743,
349.8380, 400.0060

■ 0.1695, 0.0105,
0.3603

■ 0.0000, 0.0000,
0.0000

■ 56.6324, 56.8497,
67.6627

■ 56.6324, 56.8497,
67.6627

■ 51.8486, 47.9417,
66.1963

■ 62.0732, 67.0633,
69.3482

■ 47.6902, 40.2785,
64.9363

■ 68.1912, 78.6254,
71.2575

■ 44.1303, 33.8057,
63.8745

■ 74.2397, 90.0418,
73.1423

■ 41.1380, 28.4616,
63.0007

■ 74.7028, 90.2805,
73.1639

38.6800, 24.1792,
62.3037

75.1704, 90.5216,
73.1858

36.7191, 20.8844,
61.7711

75.6427, 90.7650,
73.2079

35.2135, 18.4936,
61.3890

76.1195, 91.0109,
73.2302

34.1144, 16.9093,
61.1411

76.6010, 91.2591,
73.2528

33.3603, 16.0084,
61.0070

77.0871, 91.5097,
73.2755

Harmonies

Analogous

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



55.2822, 56.8497, 70.8017



56.6324, 56.8497, 67.6627



57.2888, 56.8497, 63.0880

Triad

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



56.6324, 56.8497, 67.6627



54.4473, 56.8497, 53.2016



51.1178, 56.8497, 65.5156

Complementary

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



56.6324, 56.8497, 67.6627



55.1733, 60.7891, 60.4582

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.



50.9047, 56.8497, 60.7264



56.6324, 56.8497, 67.6627



52.8046, 56.8497, 53.7770

Square

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



56.6324, 56.8497, 67.6627



56.0104, 56.8497, 54.8592



51.5162, 56.8497, 56.4735



52.1045, 56.8497, 69.5181

Rectangle

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



56.6324, 56.8497, 67.6627



57.2353, 56.8497, 59.9048



51.5162, 56.8497, 56.4735



50.9542, 56.8497, 63.9383

Sweetspot

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



56.6340, 56.8521, 67.6639



93.3003, 96.7147, 108.3581



53.6520, 55.6764, 67.5942



19.9884, 20.7353, 23.1988



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.



56.6340, 56.8521, 67.6639



89.1142, 88.8757, 107.0657



56.2592, 56.7346, 64.2273



12.4247, 12.3479, 14.9722



20.6811, 9.8418, 38.0021



1.1836, 0.5644, 2.1261

Inverse Universe

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



55.4933, 56.4282, 60.1943



87.0773, 88.1191, 93.7118



55.5376, 60.9049, 63.7300



12.1226, 12.2357, 12.9904



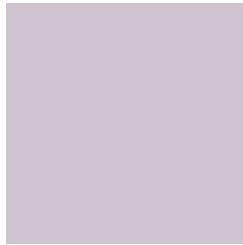
16.2847, 8.3867, 1.1395



0.9237, 0.4742, 0.1330

Previews

White Background



This preview shows how the XYZ color 56.6324, 56.8497, 67.6627 looks on a white background.

Color Contrast Check

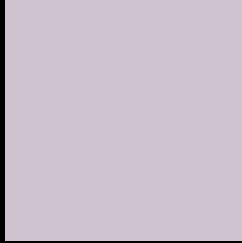
Large Text (above 18pt) WCAG AA × Fail

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 56.6324, 56.8497, 67.6627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

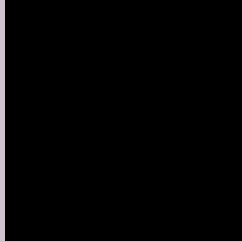
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.6324, 56.8497, 67.6627

Background



This preview shows how black text looks on a background with the XYZ color 56.6324, 56.8497, 67.6627.



This preview shows how white text looks on a background with the XYZ color 56.6324, 56.8497,

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

56.6324, 56.8497, 67.6627

Protanopia

55.0281, 56.6781, 68.3613

Deuteranopia

57.8957, 56.8401, 67.5943



Tritanopia

56.8801, 56.9488, 68.9671

Trichromacy



Original Color

56.6324, 56.8497, 67.6627

Protanomaly

55.6057, 56.6399, 68.3235

Deuteranomaly

57.5409, 56.9865, 67.6413

Tritanomaly

56.7559, 56.8991, 68.3129

Monochromacy



Original Color

56.6324, 56.8497, 67.6627

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.6022, 57.3965, 64.6480

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6324, 56.8497, 67.6627 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, 195, 208)` looks like.

```
.text, #text, p{  
    color:rgb(207, 195, 208)  
}
```

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, 195, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 195, 208) }
```

Border

The CSS property to change the border of an element to XYZ 56.6324, 56.8497, 67.6627 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, 195, 208) }
```


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

```
.border{ border-color:rgb(207, 195, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 195, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 195, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 195, 208);  
box-shadow:4px 4px 4px 4px rgb(207, 195,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6324, 56.8497, 67.6627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 195, 208) }
```

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

```
.background{ background-color: rgb(207,  
195, 208) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor