

Converting Colors

XYZ(56.2019, 55.9056, 67.5701)

Have a look what the booklet for
XYZ(56.2019, 55.9056, 67.5701)
contains.

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Color

**XYZ(56.1873, 55.9594,
67.5144)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | CFC1D0 |
| RGB | 207, 193, 208 |
| RGB Percent | 81%, 76%, 82% |
| CMY | 0.1882, 0.2431, 0.1843 |
| CMYK | 0.00, 0.07, 0.00, 0.18 |
| HSL | 296°, 14%, 79% |
| HSV | 296°, 7%, 82% |
| XYZ | 56.1873, 55.9594, 67.5144 |
| YIQ | 198.8960, 3.5290, 7.6330 |

Conversions

Conversions Part 2

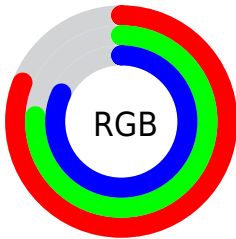
| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 207, 193, 208 |
| Decimal | 13615568 |
| CIE Lab | 79.59, 7.60, -5.73 |
| CIE LCh | 80, 9.524, 322.979 |
| Yxy | 55.9594, 0.3127, 0.3115 |
| Android (android.graphics.Color) | 4291805648 (0xFFCFC1D0) |
| YUV | 198.8960, 4.4883, 7.1072 |
| Hunter-Lab | 74.8060, 3.1620, -1.1466 |

Details

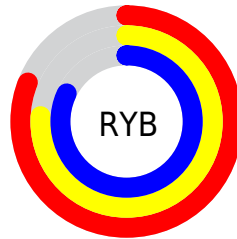
The XYZ color **56.1873, 55.9594, 67.5144** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.4317, 60.4328, 59.2507**, and the grayscale version is **54.1958, 57.0182, 62.0929**.

A 20% lighter version of the original color is **93.1657, 96.2314, 108.2719**, and **28.2022, 27.5706, 34.4071** is the 20% darker color. If you saturate the color by 10%, you get **51.5236, 47.2039, 66.0711**, and if you desaturate by 10%, it is **61.5043, 66.0148, 69.1759**.

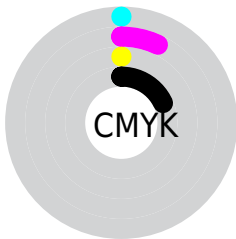
Distribution



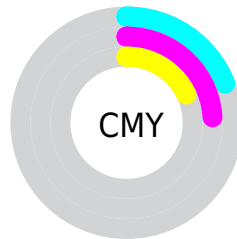
- Red (81%)
- Green (76%)
- Blue (82%)



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



- Cyan (0%)
- Magenta (7%)
- Yellow (0%)
- Black (18%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.1873, 55.9594, 67.5144 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 56.1873, 55.9594, 67.5144 by changing the saturation by 10% instead.

■ 56.1873, 55.9594,
67.5144

■ 56.1873, 55.9594,
67.5144

400.4606,
409.5385, 470.3248

■ 40.5907, 40.1704,
49.0386

■ 98.4166, 98.9452,
117.3048

■ 28.1857, 27.6714,
34.2843

125.7800,
126.9108, 149.4565

■ 18.6068, 18.0781,
22.8329

157.7964,
159.7040, 187.0038

■ 11.4888, 11.0061,
14.2661

194.8311,
197.7093, 230.3654

■ 6.4664, 6.0709,
8.1651

237.2496,
241.3109, 279.9598

■ 3.1740, 2.8883,
4.1115

285.4170,

■ 1.2464, 1.0737,

290.8934, 336.2054

1.6867

339.6989,
346.8411, 399.5209

■ 0.1426, 0.0000,
0.3516

■ 0.0000, 0.0000,
0.0000

■ 56.1873, 55.9594,
67.5144

■ 56.1873, 55.9594,
67.5144

■ 51.5236, 47.2039,
66.0711

■ 61.5043, 66.0148,
69.1759

■ 47.4816, 39.6874,
64.8333

■ 67.4950, 77.4135,
71.0603

■ 44.0340, 33.3549,
63.7927

■ 74.0557, 89.9469,
73.1337

■ 41.1500, 28.1444,
62.9390

■ 74.4551, 90.1528,
73.1524

■ 38.7956, 23.9883,
62.2608

■ 74.8580, 90.3605,
73.1713

■ 36.9335, 20.8117,
61.7458

■ 75.2643, 90.5700,
73.1903

■ 35.5212, 18.5297,
61.3798

■ 75.6740, 90.7812,
73.2095

■ 34.5092, 17.0434,
61.1462

■ 76.0873, 90.9942,
73.2288

■ 33.8305, 16.2185,
61.0228

■ 76.5040, 91.2091,
73.2483

Harmonies

Analogous

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



54.6407, 55.9594, 71.1820



56.1873, 55.9594, 67.5144



56.9331, 55.9594, 62.2306

Triad

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



56.1873, 55.9594, 67.5144



53.6398, 55.9594, 51.0360



49.8638, 55.9594, 65.1479

Complementary

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



56.1873, 55.9594, 67.5144



54.4317, 60.4328, 59.2507

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.



49.6103, 55.9594, 59.6482



56.1873, 55.9594, 67.5144



51.7608, 55.9594, 51.7134

Square

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



56.1873, 55.9594, 67.5144



55.4396, 55.9594, 52.8795



50.2969, 55.9594, 54.7888



50.9977, 55.9594, 69.7593

Rectangle

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



56.1873, 55.9594, 67.5144



56.8635, 55.9594, 58.5885



50.2969, 55.9594, 54.7888



49.6739, 55.9594, 63.3337

Sweetspot

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



56.1889, 55.9618, 67.5156



93.3196, 96.7247, 108.3590



52.7274, 54.5892, 67.4331



19.9924, 20.7374, 23.1989



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.



56.1889, 55.9618, 67.5156



87.6000, 85.9323, 106.5773



55.7152, 55.8047, 63.5587



12.2298, 11.9673, 14.9090



21.0161, 10.0145, 38.0178



1.1990, 0.5723, 2.1268

Inverse Universe

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



54.8220, 55.4474, 58.8546



84.9017, 84.9178, 89.4419



54.8880, 60.5858, 62.9885



11.8402, 11.8208, 12.4346



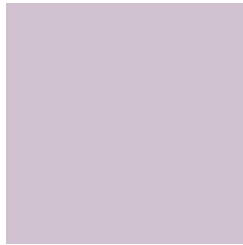
16.2741, 8.3825, 1.0836



0.9214, 0.4733, 0.1209

Previews

White Background



This preview shows how the XYZ color 56.1873, 55.9594, 67.5144 looks on a white background.

Color Contrast Check

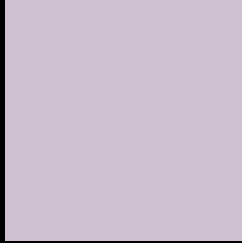
Large Text (above 18pt) WCAG AA × Fail

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 56.1873, 55.9594, 67.5144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

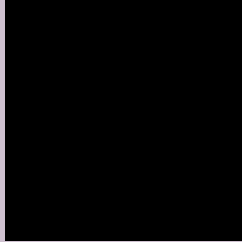
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.1873, 55.9594, 67.5144

Background



This preview shows how black text looks on a background with the XYZ color 56.1873, 55.9594, 67.5144.



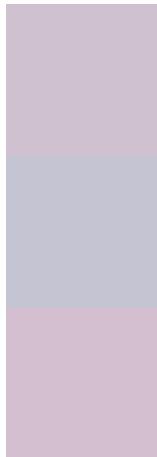
This preview shows how white text looks on a background with the XYZ color 56.1873, 55.9594,

67.5144.

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

56.1873, 55.9594, 67.5144

Protanopia

54.3987, 56.0033, 68.9154

Deuteranopia

56.8799, 55.6646, 67.4209



Tritanopia

56.1873, 55.9594, 67.5144

Trichromacy



Original Color

56.1873, 55.9594, 67.5144

Protanomaly

55.1111, 56.0512, 68.2359

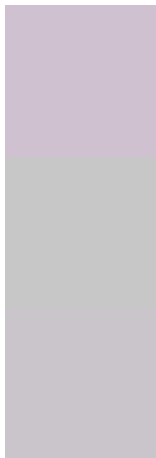
Deuteranomaly

56.8131, 55.9550, 67.4805

Tritanomaly

56.1873, 55.9594, 67.5144

Monochromacy



Original Color

56.1873, 55.9594, 67.5144

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.9840, 56.7533, 63.9336

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.1873, 55.9594, 67.5144 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, 193, 208)` looks like.

```
.text, #text, p{  
    color:rgb(207, 193, 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, 193, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 193, 208) }
```

Border

The CSS property to change the border of an element to XYZ 56.1873, 55.9594, 67.5144 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, 193, 208) }
```


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

```
.border{ border-color:rgb(207, 193, 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, 193, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 193, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 193, 208);  
box-shadow:4px 4px 4px 4px rgb(207, 193,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 56.1873, 55.9594, 67.5144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 193, 208) }
```

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

```
.background{ background-color: rgb(207,  
193, 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](#).

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