

Converting Colors

XYZ(56.1871, 56.6813, 61.0827)

Have a look what the booklet for
XYZ(56.1871, 56.6813, 61.0827)
contains.

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Color

**XYZ(56.1715, 56.7631,
60.8191)**

Conversions

Conversions Part 1

Format	Color
Hex	D2C3C5
RGB	210, 195, 197
RGB Percent	82%, 76%, 77%
CMY	0.1765, 0.2353, 0.2274
CMYK	0.00, 0.07, 0.06, 0.18
HSL	352°, 14%, 79%
HSV	352°, 7%, 82%
XYZ	56.1715, 56.7631, 60.8191
YIQ	199.7130, 8.2980, 3.8020

Conversions

Conversions Part 2

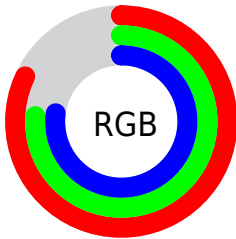
Format	Color
R _Y B	210, 195, 197
Decimal	13812677
CIE Lab	80.05, 5.60, 0.89
CIE LCh	80, 5.671, 8.983
Yxy	56.7631, 0.3233, 0.3267
Android (android.graphics.Color)	4292002757 (0xFFD2C3C5)
YUV	199.7130, -1.3375, 9.0217
Hunter-Lab	75.3413, 1.2353, 4.8772

Details

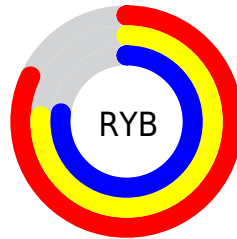
The XYZ color **56.1715, 56.7631, 60.8191** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.9396, 62.2508, 68.6922**, and the grayscale version is **54.7289, 57.5791, 62.7037**.

A 20% lighter version of the original color is **93.9398, 98.0366, 107.7377**, and **28.0004, 28.0015, 29.9156** is the 20% darker color. If you saturate the color by 10%, you get **49.8318, 47.2223, 49.0285**, and if you desaturate by 10%, it is **63.4281, 67.7331, 74.1596**.

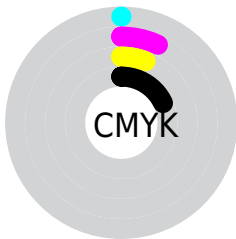
Distribution



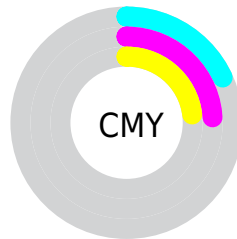
- Red (82%)
- Green (76%)
- Blue (77%)



- Red (82%)
- Yellow (76%)
- Blue (77%)



- Cyan (0%)
- Magenta (7%)
- Yellow (6%)
- Black (18%)



- Cyan (18%)
- Magenta (24%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.1715, 56.7631, 60.8191 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 56.1715, 56.7631, 60.8191 by changing the saturation by 10% instead.

■ 56.1715, 56.7631,
60.8191

■ 56.1715, 56.7631,
60.8191

400.4020,
412.5610, 445.4986

■ 40.5780, 40.8151,
43.6496

■ 98.3936, 100.1194,
107.5719

■ 28.1757, 28.1746,
30.0600

125.7530,
128.2965, 137.9923

■ 18.5993, 18.4573,
19.6317

157.7650,
161.3188, 173.6668

■ 11.4834, 11.2788,
11.9462

194.7949,
199.5706, 215.0138

■ 6.4626, 6.2547,
6.5849

237.2083,
243.4363, 262.4520

■ 3.1717, 3.0006,
3.1294

285.3704,

■ 1.2452, 1.1320,

293.3003, 316.3998

1.1611

339.6465,
349.5471, 377.2758

■ 0.1416, 0.0051,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.1715, 56.7631,
60.8191

■ 56.1715, 56.7631,
60.8191

■ 49.8318, 47.2223,
49.0285

■ 63.4281, 67.7331,
74.1596

■ 44.3678, 39.0447,
38.7278

■ 71.6311, 80.1800,
89.0996

■ 39.7422, 32.1703,
29.8587

■ 79.8484, 92.2257,
105.3691

■ 35.9133, 26.5316,
22.3577

■ 80.3887, 92.4418,
108.2139

■ 32.8356, 22.0550,
16.1561

■ 30.4591, 18.6594,
11.1796

■ 28.7277, 16.2528,
7.3462

■ 27.5763, 14.7281,
4.5636

■ 26.9206, 13.9428,
2.7229

Harmonies

Analogous

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



56.0480, 56.7631, 64.1109



56.1715, 56.7631, 60.8191



55.6936, 56.7631, 57.8960

Triad

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



56.1715, 56.7631, 60.8191



52.5687, 56.7631, 56.9994



53.1603, 56.7631, 67.9247

Complementary

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



56.1715, 56.7631, 60.8191



56.9396, 62.2508, 68.6922

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.



52.2463, 56.7631, 65.8869



56.1715, 56.7631, 60.8191



51.9082, 56.7631, 59.5558

Square

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



56.1715, 56.7631, 60.8191



53.6061, 56.7631, 55.7429



51.7910, 56.7631, 62.8022



54.2986, 56.7631, 68.2922

Rectangle

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



56.1715, 56.7631, 60.8191



55.1023, 56.7631, 56.5213



51.7910, 56.7631, 62.8022



52.8171, 56.7631, 67.4089

Sweetspot

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



56.1731, 56.7656, 60.8203



92.7408, 96.5076, 104.6590



57.1621, 57.0958, 68.9813



19.8745, 20.6932, 22.4458



0.0000, 0.0000, 0.0000



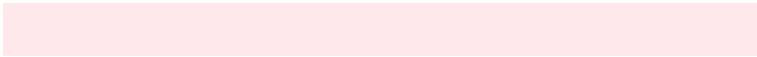
20.3446, 21.4041, 23.3091

Same Dimension

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



56.1731, 56.7656, 60.8203



85.1213, 85.0056, 90.5982



57.2007, 59.1844, 60.0417



11.8719, 11.8335, 12.6012



16.3611, 8.4173, 1.5420



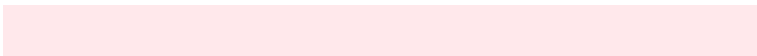
0.9362, 0.4792, 0.1991

Inverse Universe

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



56.1731, 56.7656, 60.8203



85.1213, 85.0056, 90.5982



55.8525, 59.6810, 69.5493



11.8719, 11.8335, 12.6012



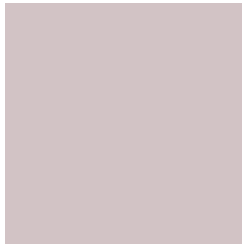
16.3611, 8.4173, 1.5420



0.9362, 0.4792, 0.1991

Previews

White Background



This preview shows how the XYZ color 56.1715, 56.7631, 60.8191 looks on a white background.

Color Contrast Check

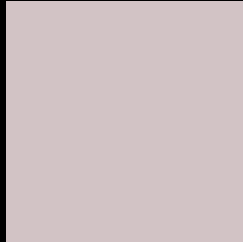
Large Text (above 18pt) WCAG AA × Fail

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 56.1715, 56.7631, 60.8191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

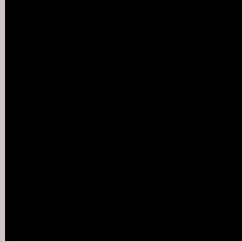
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.1715, 56.7631, 60.8191

Background



This preview shows how black text looks on a background with the XYZ color 56.1715, 56.7631, 60.8191.



This preview shows how white text looks on a background with the XYZ color 56.1715, 56.7631,

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

56.1715, 56.7631, 60.8191

Protanopia

54.7442, 57.0219, 61.5471

Deuteranopia

57.9561, 56.6819, 61.3122



Tritanopia

57.6065, 56.6910, 67.5808

Trichromacy



Original Color

56.1715, 56.7631, 60.8191

Protanomaly

55.3361, 56.9889, 61.5095

Deuteranomaly

57.2873, 56.6642, 61.3440

Tritanomaly

57.0548, 56.7921, 65.0816

Monochromacy



Original Color

56.1715, 56.7631, 60.8191

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.4047, 57.3491, 62.1822

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.1715, 56.7631, 60.8191 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(210, 195, 197) looks like.

```
.text, #text, p{  
    color:rgb(210, 195, 197)  
}
```

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(210, 195, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 195, 197) }
```

Border

The CSS property to change the border of an element to XYZ 56.1715, 56.7631, 60.8191 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(210, 195, 197) }
```


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

```
.border{ border-color:rgb(210, 195, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 195, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 195, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 195, 197);  
box-shadow:4px 4px 4px 4px rgb(210, 195,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 56.1715, 56.7631, 60.8191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 195, 197) }
```

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

```
.background{ background-color: rgb(210,  
195, 197) }
```

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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