

Converting Colors

XYZ(56.4928, 55.6164, 56.8979)

Have a look what the booklet for
XYZ(56.4928, 55.6164, 56.8979)
contains.

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Color

**XYZ(56.6500, 55.7749,
57.0701)**

Conversions

Conversions Part 1

Format	Color
Hex	D9BFBF
RGB	217, 191, 191
RGB Percent	85%, 75%, 75%
CMY	0.1490, 0.2510, 0.2510
CMYK	0.00, 0.12, 0.12, 0.15
HSL	0°, 25%, 80%
HSV	0°, 12%, 85%
XYZ	56.6500, 55.7749, 57.0701
YIQ	198.7740, 15.4960, 5.5120

Conversions

Conversions Part 2

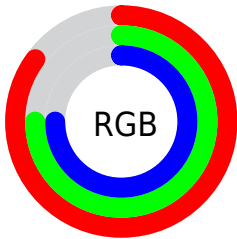
Format	Color
R_{YB}	217, 191, 191
Decimal	14270399
CIE Lab	79.49, 9.21, 3.38
CIE LCh	79, 9.806, 20.134
Yxy	55.7749, 0.3342, 0.3291
Android (android.graphics.Color)	4292460479 (0xFFD9BFBF)
YUV	198.7740, -3.8326, 15.9842
Hunter-Lab	74.6826, 4.7055, 6.9703

Details

The XYZ color **56.6500, 55.7749, 57.0701** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.8227, 65.7104, 75.2292**, and the grayscale version is **54.1653, 56.9861, 62.0579**.

A 20% lighter version of the original color is **91.2893, 94.4969, 101.4240**, and **28.5762, 27.6933, 27.8840** is the 20% darker color. If you saturate the color by 10%, you get **50.0507, 46.1186, 43.9484**, and if you desaturate by 10%, it is **64.3072, 66.9795, 72.2913**.

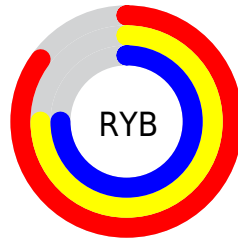
Distribution



Red (85%)

Green (75%)

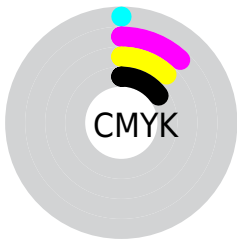
Blue (75%)



Red (85%)

Yellow (75%)

Blue (75%)

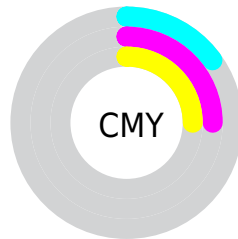


Cyan (0%)

Magenta (12%)

Yellow (12%)

Black (15%)



Cyan (15%)

Magenta (25%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.6500, 55.7749, 57.0701 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 56.6500, 55.7749, 57.0701 by changing the saturation by 10% instead.

■ 56.6500, 55.7749,
57.0701

■ 56.6500, 55.7749,
57.0701

402.1719,
408.8426, 431.2130

■ 40.9633, 40.0225,
40.6518

■ 99.0886, 98.6754,
102.0688

■ 28.4780, 27.5561,
27.7295

126.5713,
126.5922, 131.4863

■ 18.8286, 17.9913,
17.8846

158.7167,
159.3327, 166.0739

■ 11.6497, 10.9437,
10.6986

195.8902,
197.2811, 206.2502

■ 6.5761, 6.0290,
5.7529

238.4571,
240.8219, 252.4337

■ 3.2424, 2.8627,
2.6291

286.7828,

■ 1.2832, 1.0605,

290.3395, 305.0430

0.9074

341.2326,
346.2183, 364.4966

■ 0.1706, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.6500, 55.7749,
57.0701

■ 56.6500, 55.7749,
57.0701

■ 50.0507, 46.1186,
43.9484

■ 64.3072, 66.9795,
72.2913

■ 44.4583, 37.9355,
32.8309

■ 73.0611, 79.7885,
89.6947

■ 39.8250, 31.1555,
23.6199

■ 82.4255, 93.4918,
108.3092

■ 36.0967, 25.6999,
16.2084

■ 33.2143, 21.4822,
10.4789

■ 31.1118, 18.4054,
6.2996

■ 29.7131, 16.3584,
3.5197

■ 28.9270, 15.2079,
1.9577

■ 28.6158, 14.7525,
1.3393

Harmonies

Analogous

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



56.8337, 55.7749, 62.6077



56.6500, 55.7749, 57.0701



55.4784, 55.7749, 52.7753

Triad

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



56.6500, 55.7749, 57.0701



50.1570, 55.7749, 54.0359



52.3658, 55.7749, 72.0600

Complementary

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



56.6500, 55.7749, 57.0701



58.8227, 65.7104, 75.2292

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.



50.6206, 55.7749, 69.4450



56.6500, 55.7749, 57.0701



49.3663, 55.7749, 58.8890

Square

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



56.6500, 55.7749, 57.0701



51.7188, 55.7749, 51.1002



49.5339, 55.7749, 64.5418



54.3274, 55.7749, 71.4981

Rectangle

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



56.6500, 55.7749, 57.0701



54.3104, 55.7749, 51.0847



49.5339, 55.7749, 64.5418



51.7352, 55.7749, 71.5175

Sweetspot

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



56.6516, 55.7774, 57.0713



90.2833, 93.0251, 99.4234



59.7711, 57.0238, 73.5025



19.1386, 19.6394, 20.9115



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.



56.6516, 55.7774, 57.0713



79.4770, 77.2128, 77.9398



59.6127, 61.6997, 58.0583



13.0562, 13.0518, 13.5567



17.3225, 8.9305, 0.8108



1.1223, 0.5787, 0.0525

Inverse Universe

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



58.8227, 65.7104, 75.2292



83.1121, 93.8433, 108.3408



55.6038, 59.2726, 74.1562



13.4448, 14.8292, 16.8059



22.5970, 33.0635, 44.9293



1.4640, 2.1421, 2.9108

Previews

White Background



This preview shows how the XYZ color 56.6500, 55.7749, 57.0701 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 56.6500, 55.7749, 57.0701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

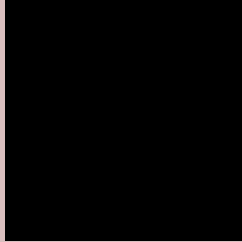
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.6500, 55.7749, 57.0701

Background



This preview shows how black text looks on a background with the XYZ color 56.6500, 55.7749, 57.0701.



This preview shows how white text looks on a background with the XYZ color 56.6500, 55.7749,

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

56.6500, 55.7749, 57.0701

Protanopia

53.5649, 55.7924, 58.9848

Deuteranopia

56.9482, 55.9286, 57.0840



Tritanopia

58.3101, 55.8149, 64.8268

Trichromacy



Original Color

56.6500, 55.7749, 57.0701

Protanomaly

54.6496, 55.6992, 58.3228

Deuteranomaly

56.9482, 55.9286, 57.0840

Tritanomaly

57.6357, 55.8559, 61.7764

Monochromacy



Original Color

56.6500, 55.7749, 57.0701

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

55.1573, 56.5872, 60.2399

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6500, 55.7749, 57.0701 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(217, 191, 191)` looks like.

```
.text, #text, p{  
    color:rgb(217, 191, 191)  
}
```

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(217, 191, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 191, 191) }
```

Border

The CSS property to change the border of an element to XYZ 56.6500, 55.7749, 57.0701 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(217, 191, 191) }
```


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

```
.border{ border-color:rgb(217, 191, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 191, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 191, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 191, 191);  
box-shadow:4px 4px 4px 4px rgb(217, 191,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6500, 55.7749, 57.0701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 191, 191) }
```

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

```
.background{ background-color: rgb(217,  
191, 191) }
```

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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