

Converting Colors

XYZ(56.4773, 56.7555, 68.2998)

Have a look what the booklet for
XYZ(56.4773, 56.7555, 68.2998)
contains.

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Color

**XYZ(56.4773, 56.7555,
68.2998)**

Conversions

Conversions Part 1

Format	Color
Hex	CEC3D1
RGB	206, 195, 209
RGB Percent	81%, 76%, 82%
CMY	0.1922, 0.2353, 0.1804
CMYK	0.01, 0.07, 0.00, 0.18
HSL	287°, 13%, 79%
HSV	287°, 7%, 82%
XYZ	56.4773, 56.7555, 68.2998
YIQ	199.8850, 2.0620, 6.6860

Conversions

Conversions Part 2

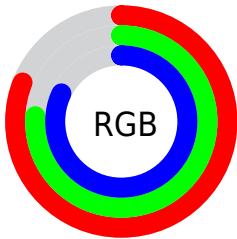
Format	Color
R_{YB}	206, 195, 209
Decimal	13550545
CIE Lab	80.04, 6.38, -5.62
CIE LCh	80, 8.500, 318.648
Yxy	56.7555, 0.3111, 0.3126
Android (android.graphics.Color)	4291740625 (0xFFCEC3D1)
YUV	199.8850, 4.4937, 5.3629
Hunter-Lab	75.3362, 1.9776, -1.0169

Details

The XYZ color **56.4773, 56.7555, 68.2998** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.9417, 61.5483, 60.5643**, and the grayscale version is **54.8027, 57.6567, 62.7881**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **28.3902, 28.0917, 34.9363** is the 20% darker color. If you saturate the color by 10%, you get **50.8929, 47.4060, 66.7904**, and if you desaturate by 10%, it is **62.7559, 67.4390, 70.0319**.

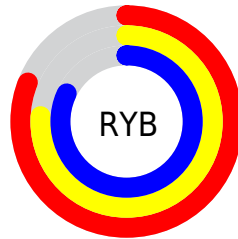
Distribution



Red (81%)

Green (76%)

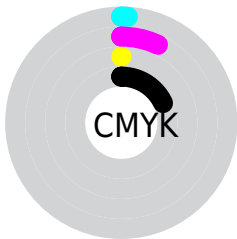
Blue (82%)



Red (81%)

Yellow (76%)

Blue (82%)

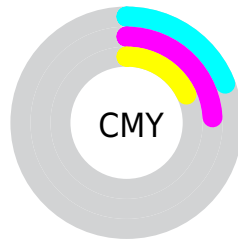


Cyan (1%)

Magenta (7%)

Yellow (0%)

Black (18%)



Cyan (19%)

Magenta (24%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.4773, 56.7555, 68.2998 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 56.4773, 56.7555, 68.2998 by changing the saturation by 10% instead.

■ 56.4773, 56.7555,
68.2998

■ 56.4773, 56.7555,
68.2998

401.5337,
412.5325, 473.1844

■ 40.8242, 40.8090,
49.6735

■ 98.8379, 100.1083,
118.4392

■ 28.3688, 28.1698,
34.7846

126.2761,
128.2834, 150.7893

■ 18.7457, 18.4537,
23.2148

158.3734,
161.3035, 188.5511

■ 11.5896, 11.2762,
14.5454

195.4951,
199.5530, 232.1432

■ 6.5351, 6.2530,
8.3579

238.0067,
243.4162, 281.9840

■ 3.2168, 2.9995,
4.2338

286.2734,

■ 1.2694, 1.1315,

293.2776, 338.4921

1.7544

340.6606,
349.5216, 402.0860

■ 0.1602, 0.0046,
0.3977

■ 0.0000, 0.0000,
0.0000

■ 56.4773, 56.7555,
68.2998

■ 56.4773, 56.7555,
68.2998

■ 50.8929, 47.4060,
66.7904

■ 62.7559, 67.4390,
70.0319

■ 45.9704, 39.3290,
65.4908

■ 69.7494, 79.5003,
71.9913

■ 41.6822, 32.4687,
64.3926

■ 76.6149, 91.2520,
73.8978

■ 37.9967, 26.7627,
63.4855

■ 77.9846, 91.9581,
73.9619

■ 34.8797, 22.1425,
62.7580

■ 79.3908, 92.6830,
74.0277

■ 32.2930, 18.5328,
62.1976

■ 80.8339, 93.4270,
74.0952

■ 30.1939, 15.8481,
61.7900

■ 82.3141, 94.1900,
74.1645

■ 28.5322, 13.9890,
61.5187

■ 83.8317, 94.9724,
74.2355

■ 27.2433, 12.8262,
61.3622

■ 85.3869, 95.7741,
74.3083

Harmonies

Analogous

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



55.0138, 56.7555, 71.2592



56.4773, 56.7555, 68.2998



57.2681, 56.7555, 63.6892

Triad

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



56.4773, 56.7555, 68.2998



54.6011, 56.7555, 52.9289



50.8570, 56.7555, 64.8901

Complementary

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



56.4773, 56.7555, 68.2998



55.9417, 61.5483, 60.5643

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.



50.7518, 56.7555, 59.9429



56.4773, 56.7555, 68.2998



52.8889, 56.7555, 53.2120

Square

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



56.4773, 56.7555, 68.2998



56.1696, 56.7555, 54.9254



51.4884, 56.7555, 55.7208



51.7788, 56.7555, 69.2192

Rectangle

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



56.4773, 56.7555, 68.2998



57.2965, 56.7555, 60.3772



51.4884, 56.7555, 55.7208



50.7257, 56.7555, 63.2390

Sweetspot

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



56.4789, 56.7579, 68.3010



93.0435, 96.5823, 108.3461



54.2184, 56.6116, 68.3919



19.9362, 20.7084, 23.1963



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.



56.4789, 56.7579, 68.3010



87.2935, 86.8480, 106.7702



56.8348, 56.9974, 65.7863



12.0525, 11.8759, 14.9007



16.6470, 7.7621, 37.8133



0.9941, 0.4667, 2.1172

Inverse Universe

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



56.0047, 56.6654, 61.4148



86.4099, 86.6782, 93.8164



55.6131, 61.3265, 62.9210



11.9110, 11.8491, 12.8069



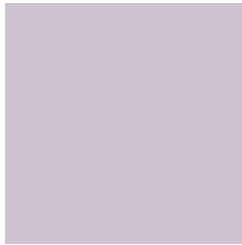
16.5320, 8.4856, 2.4415



0.9544, 0.4865, 0.2947

Previews

White Background



This preview shows how the XYZ color 56.4773, 56.7555, 68.2998 looks on a white background.

Color Contrast Check

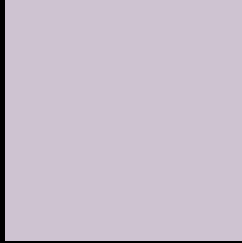
Large Text (above 18pt) WCAG AA × Fail

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 56.4773, 56.7555, 68.2998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

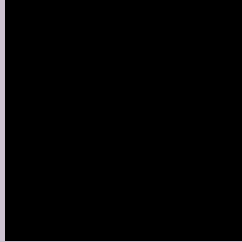
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.4773, 56.7555, 68.2998

Background



This preview shows how black text looks on a background with the XYZ color 56.4773, 56.7555, 68.2998.

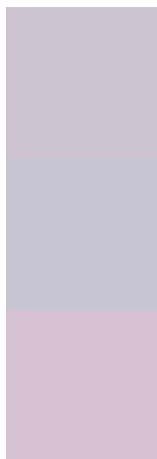


This preview shows how white text looks on a background with the XYZ color 56.4773, 56.7555,

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

56.4773, 56.7555, 68.2998

Protanopia

55.1523, 56.7278, 69.0155

Deuteranopia

58.0192, 56.8895, 68.2444



Tritanopia

56.6016, 56.8052, 68.9540

Trichromacy



Original Color

56.4773, 56.7555, 68.2998

Protanomaly

55.7299, 56.6896, 68.9777

Deuteranomaly

57.3788, 56.8887, 68.2780

Tritanomaly

56.6016, 56.8052, 68.9540

Monochromacy



Original Color

56.4773, 56.7555, 68.2998

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.3307, 57.2565, 64.6353

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.4773, 56.7555, 68.2998 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(206, 195, 209) looks like.

```
.text, #text, p{  
    color:rgb(206, 195, 209)  
}
```

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(206, 195, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 195, 209) }
```

Border

The CSS property to change the border of an element to XYZ 56.4773, 56.7555, 68.2998 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(206, 195, 209) }
```


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

```
.border{ border-color:rgb(206, 195, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 195, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 195, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 195, 209);  
box-shadow:4px 4px 4px 4px rgb(206, 195,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 56.4773, 56.7555, 68.2998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 195, 209) }
```

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

```
.background{ background-color: rgb(206,  
195, 209) }
```

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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