

Converting Colors

XYZ(56.9308, 57.0774, 70.1755)

Have a look what the booklet for
XYZ(56.9308, 57.0774, 70.1755)
contains.

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Color

**XYZ(56.8524, 56.9055,
70.2748)**

Conversions

Conversions Part 1

Format	Color
Hex	CEC3D4
RGB	206, 195, 212
RGB Percent	81%, 76%, 83%
CMY	0.1922, 0.2353, 0.1686
CMYK	0.03, 0.08, 0.00, 0.17
HSL	279°, 17%, 80%
HSV	279°, 8%, 83%
XYZ	56.8524, 56.9055, 70.2748
YIQ	200.2270, 1.0990, 7.6190

Conversions

Conversions Part 2

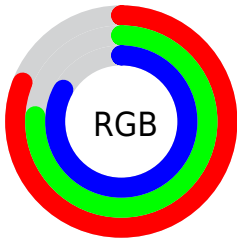
Format	Color
R _{YB}	206, 195, 212
Decimal	13550548
CIE Lab	80.13, 6.94, -7.10
CIE LCh	80, 9.935, 314.348
Yxy	56.9055, 0.3089, 0.3092
Android (android.graphics.Color)	4291740628 (0xFFCEC3D4)
YUV	200.2270, 5.8041, 5.0629
Hunter-Lab	75.4357, 2.5146, -2.4287

Details

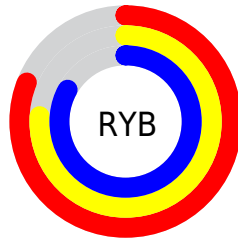
The XYZ color **56.8524, 56.9055, 70.2748** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.4833, 63.4461, 60.8492**, and the grayscale version is **55.0059, 57.8705, 63.0209**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **28.5596, 28.1595, 35.8284** is the 20% darker color. If you saturate the color by 10%, you get **50.4077, 47.0265, 68.7085**, and if you desaturate by 10%, it is **64.0738, 68.1891, 72.0730**.

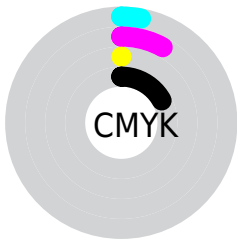
Distribution



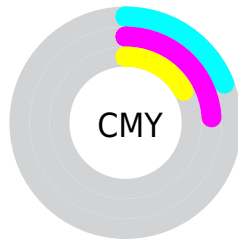
- Red (81%)
- Green (76%)
- Blue (83%)



- Red (81%)
- Yellow (76%)
- Blue (83%)



- Cyan (3%)
- Magenta (8%)
- Yellow (0%)
- Black (17%)



- Cyan (19%)
- Magenta (24%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.8524, 56.9055, 70.2748 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 56.8524, 56.9055, 70.2748 by changing the saturation by 10% instead.

■ 56.8524, 56.9055,
70.2748

■ 56.8524, 56.9055,
70.2748

402.9191,
413.0951, 480.3295

■ 41.1264, 40.9294,
51.2724

■ 99.3824, 100.3273,
121.2853

■ 28.6060, 28.2639,
36.0472

126.9171,
128.5417, 154.1306

■ 18.9257, 18.5247,
24.1807

159.1188,
161.6044, 192.4272

■ 11.7203, 11.3273,
15.2543

196.3528,
199.8997, 236.5937

■ 6.6244, 6.2875,
8.8494

238.9845,
243.8121, 287.0486

■ 3.2725, 3.0207,
4.5476

287.3792,

■ 1.2995, 1.1425,

293.7258, 344.2105

1.9303

341.9023,
350.0254, 408.4980

■ 0.1828, 0.0140,
0.5119

■ 0.0000, 0.0000,
0.0000

■ 56.8524, 56.9055,
70.2748

■ 56.8524, 56.9055,
70.2748

■ 50.4077, 47.0265,
68.7085

■ 64.0738, 68.1891,
72.0730

■ 44.7050, 38.4876,
67.3609

■ 72.0947, 80.9240,
74.1083

■ 39.7143, 31.2299,
66.2231

■ 79.7825, 92.8416,
76.0035

■ 35.4015, 25.1875,
65.2840

■ 82.2146, 94.0954,
76.1173

■ 31.7296, 20.2880,
64.5319

■ 84.7510, 95.4030,
76.2360

■ 28.6572, 16.4516,
63.9533

■ 87.3926, 96.7648,
76.3596

■ 26.1381, 13.5875,
63.5333

■ 88.8838, 97.5335,
76.4294

■ 24.1179, 11.5894,
63.2541

■ 22.5184, 10.3036,
63.0902

Harmonies

Analogous

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



55.0569, 56.9055, 73.3942



56.8524, 56.9055, 70.2748



57.9205, 56.9055, 65.0154

Triad

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



56.8524, 56.9055, 70.2748



55.1434, 56.9055, 51.8386



50.4046, 56.9055, 64.7629

Complementary

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



56.8524, 56.9055, 70.2748



57.4833, 63.4461, 60.8492

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.



50.4265, 56.9055, 59.0027



56.8524, 56.9055, 70.2748



53.1285, 56.9055, 51.7804

Square

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



56.8524, 56.9055, 70.2748



56.9171, 56.9055, 54.4935



51.4127, 56.9055, 54.3291



51.3522, 56.9055, 70.0800

Rectangle

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



56.8524, 56.9055, 70.2748



58.0599, 56.9055, 61.1195



51.4127, 56.9055, 54.3291



50.2996, 56.9055, 62.8091

Sweetspot

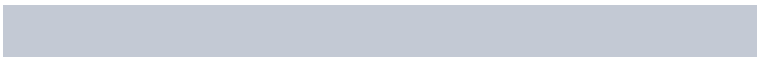
The Sweet Spot groups the original color and five complimentary colors.



56.8541, 56.9079, 70.2760



92.7853, 96.4492, 108.3340



55.3327, 58.2401, 70.6134



19.8836, 20.6813, 23.1939



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.



56.8541, 56.9079, 70.2760



84.2134, 83.1283, 106.2146



58.2678, 57.6696, 68.8602



12.5079, 12.4032, 15.6723



13.8342, 6.2843, 38.9370



0.9227, 0.4245, 2.3526

Inverse Universe

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



57.2111, 57.2469, 63.2955



84.9043, 83.7783, 92.9716



56.1599, 62.7340, 62.1352



12.6025, 12.4925, 13.8470



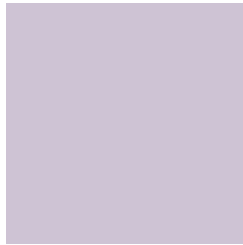
17.5857, 8.9706, 5.1226



1.0994, 0.5565, 0.5128

Previews

White Background



This preview shows how the XYZ color 56.8524, 56.9055, 70.2748 looks on a white background.

Color Contrast Check

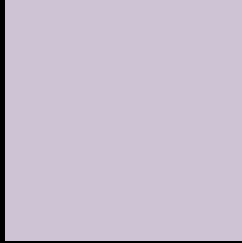
Large Text (above 18pt) WCAG AA × Fail

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 56.8524, 56.9055, 70.2748 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

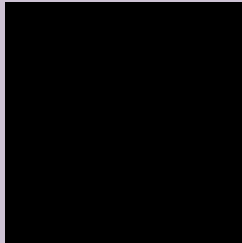
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.8524, 56.9055, 70.2748

Background



This preview shows how black text looks on a background with the XYZ color 56.8524, 56.9055, 70.2748.

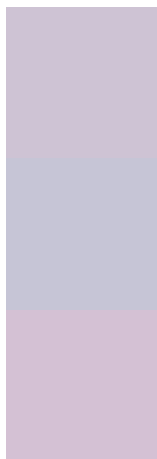


This preview shows how white text looks on a background with the XYZ color 56.8524, 56.9055,

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

56.8524, 56.9055, 70.2748

Protanopia

55.3926, 56.7933, 71.6610

Deuteranopia

58.1050, 56.8904, 70.2058



Tritanopia

56.7266, 56.8552, 69.6124

Trichromacy



Original Color

56.8524, 56.9055, 70.2748

Protanomaly

55.8376, 56.7015, 70.9523

Deuteranomaly

57.7538, 57.0387, 70.2530

Tritanomaly

56.7266, 56.8552, 69.6124

Monochromacy



Original Color

56.8524, 56.9055, 70.2748

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.4503, 57.3044, 65.2650

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.8524, 56.9055, 70.2748 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, 212)` looks like.

```
.text, #text, p{  
    color:rgb(206, 195, 212)  
}
```

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, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 195, 212) }
```

Border

The CSS property to change the border of an element to XYZ 56.8524, 56.9055, 70.2748 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, 212) }
```


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

```
.border{ border-color:rgb(206, 195, 212) }
```

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, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 195, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 195, 212);  
box-shadow:4px 4px 4px 4px rgb(206, 195,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 56.8524, 56.9055, 70.2748 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, 212) }
```

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

```
.background{ background-color: rgb(206,  
195, 212) }
```

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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