

Converting Colors

XYZ(56.3870, 56.5069, 71.1626)

Have a look what the booklet for
XYZ(56.3870, 56.5069, 71.1626)
contains.

XYZ(56.4272, 56.6717, 70.9155)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(56.4272, 56.6717,
70.9155)**

Conversions

Conversions Part 1

Format	Color
Hex	CCC3D5
RGB	204, 195, 213
RGB Percent	80%, 76%, 84%
CMY	0.2000, 0.2353, 0.1647
CMYK	0.04, 0.08, 0.00, 0.16
HSL	270°, 18%, 80%
HSV	270°, 8%, 84%
XYZ	56.4272, 56.6717, 70.9155
YIQ	199.7430, -0.4140, 7.5060

Conversions

Conversions Part 2

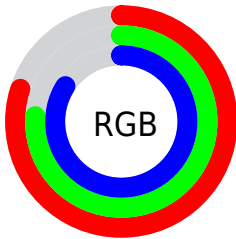
Format	Color
RYB	204, 195, 213
Decimal	13419477
CIELab	79.99, 6.46, -7.86
CIELCh	80, 10.170, 309.432
Yxy	56.6717, 0.3066, 0.3080
Android (android.graphics.Color)	4291609557 (0xFFCCC3D5)
YUV	199.7430, 6.5357, 3.7334
Hunter-Lab	75.2806, 2.0551, -3.1557

Details

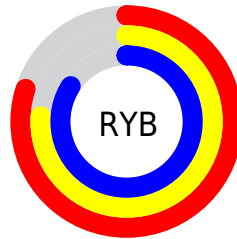
The XYZ color **56.4272, 56.6717, 70.9155** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.5485, 64.3675, 60.9709**, and the grayscale version is **54.7043, 57.5532, 62.6755**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **28.2741, 28.0024, 36.2626** is the 20% darker color. If you saturate the color by 10%, you get **49.1711, 46.3458, 69.3057**, and if you desaturate by 10%, it is **64.5671, 68.4669, 72.7641**.

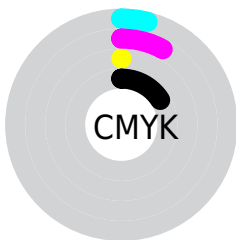
Distribution



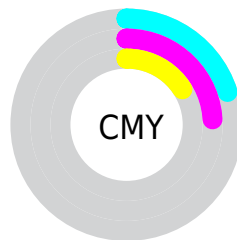
- Red (80%)
- Green (76%)
- Blue (84%)



- Red (80%)
- Yellow (76%)
- Blue (84%)



- Cyan (4%)
- Magenta (8%)
- Yellow (0%)
- Black (16%)



- Cyan (20%)
- Magenta (24%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.4272, 56.6717, 70.9155 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 56.4272, 56.6717, 70.9155 by changing the saturation by 10% instead.

■ 56.4272, 56.6717,
70.9155

■ 56.4272, 56.6717,
70.9155

401.3484,
412.2180, 482.6337

■ 40.7839, 40.7417,
51.7918

■ 98.7651, 99.9860,
122.2067

■ 28.3372, 28.1173,
36.4581

126.1904,
128.1391, 155.2114

■ 18.7217, 18.4141,
24.4957

158.2737,
161.1354, 193.6801

■ 11.5722, 11.2477,
15.4861

195.3805,
199.3592, 238.0314

■ 6.5232, 6.2337,
9.0109

237.8759,
243.1950, 288.6839

■ 3.2094, 2.9877,
4.6514

286.1255,

■ 1.2654, 1.1253,

293.0271, 346.0561

1.9891

340.4946,
349.2400, 410.5665

■ 0.1571, 0.0000,
0.5485

■ 0.0000, 0.0000,
0.0000

■ 56.4272, 56.6717,
70.9155

■ 56.4272, 56.6717,
70.9155

■ 49.1711, 46.3458,
69.3057

■ 64.5671, 68.4669,
72.7641

■ 42.7611, 37.4225,
67.9212

■ 73.6167, 81.7802,
74.8568

■ 37.1641, 29.8407,
66.7527

■ 82.3482, 94.1497,
76.7842

■ 32.3428, 23.5319,
65.7891

■ 85.9904, 96.0273,
76.9546

■ 28.2564, 18.4214,
65.0181

■ 89.0104, 97.5842,
77.0959

■ 24.8602, 14.4261,
64.4259

■ 22.1037, 11.4522,
63.9972

■ 19.9282, 9.3895,
63.7137

■ 18.2471, 8.0725,
63.5481

Harmonies

Analogous

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



54.5183, 56.6717, 73.6214



56.4272, 56.6717, 70.9155



57.6698, 56.6717, 65.7890

Triad

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



56.4272, 56.6717, 70.9155



55.2722, 56.6717, 51.6565



50.0407, 56.6717, 63.5889

Complementary

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



56.4272, 56.6717, 70.9155



58.5485, 64.3675, 60.9709

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.



50.2309, 56.6717, 57.7952



56.4272, 56.6717, 70.9155



53.2164, 56.6717, 51.1508

Square

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



56.4272, 56.6717, 70.9155



56.9912, 56.6717, 54.7589



51.3811, 56.6717, 53.3302



50.8548, 56.6717, 69.2168

Rectangle

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



56.4272, 56.6717, 70.9155



57.9349, 56.6717, 61.8186



51.3811, 56.6717, 53.3302



49.9898, 56.6717, 61.5932

Sweetspot

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



56.4289, 56.6741, 70.9167



91.2644, 94.4974, 108.0374



56.1823, 59.7368, 71.5209



19.3223, 19.9191, 23.0763



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.



56.4289, 56.6741, 70.9167



82.9110, 82.4569, 106.1536



58.8806, 57.9380, 71.0315



12.3282, 12.3106, 15.6639



11.1201, 4.8851, 38.8100



0.7662, 0.3439, 2.3453

Inverse Universe

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



57.8568, 57.5385, 65.1863



85.4628, 84.0017, 95.9126



56.2300, 63.1722, 60.8624



12.6797, 12.5234, 14.2534



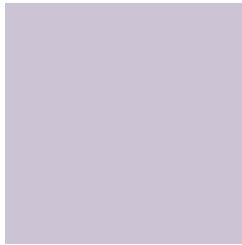
18.4191, 9.3040, 9.5111



1.1527, 0.5779, 0.7937

Previews

White Background



This preview shows how the XYZ color 56.4272, 56.6717, 70.9155 looks on a white background.

Color Contrast Check

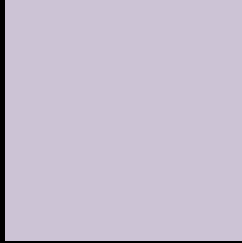
Large Text (above 18pt) WCAG AA × Fail

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 56.4272, 56.6717, 70.9155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

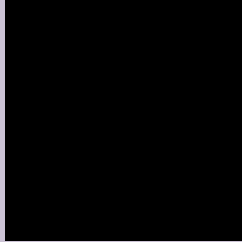
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.4272, 56.6717, 70.9155

Background



This preview shows how black text looks on a background with the XYZ color 56.4272, 56.6717, 70.9155.



This preview shows how white text looks on a background with the XYZ color 56.4272, 56.6717,

70.9155.

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

56.4272, 56.6717, 70.9155

Protanopia

55.1298, 56.6579, 71.6487

Deuteranopia

57.9442, 56.7929, 70.8589



Tritanopia

56.1748, 56.5707, 69.5865

Trichromacy



Original Color

56.4272, 56.6717, 70.9155

Protanomaly

55.6969, 56.6143, 71.6104

Deuteranomaly

57.3145, 56.7976, 70.8930

Tritanomaly

56.3006, 56.6210, 70.2489

Monochromacy



Original Color

56.4272, 56.6717, 70.9155

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.3009, 57.2135, 65.8862

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.4272, 56.6717, 70.9155 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(204, 195, 213) looks like.

```
.text, #text, p{  
    color:rgb(204, 195, 213)  
}
```

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(204, 195, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 195, 213) }
```

Border

The CSS property to change the border of an element to XYZ 56.4272, 56.6717, 70.9155 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(204, 195, 213) }
```


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

```
.border{ border-color:rgb(204, 195, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 195, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 195, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 195, 213);  
box-shadow:4px 4px 4px 4px rgb(204, 195,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 56.4272, 56.6717, 70.9155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 195, 213) }
```

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

```
.background{ background-color: rgb(204,  
195, 213) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor