

Converting Colors

XYZ(56.8765, 56.9876, 70.7916)

Have a look what the booklet for
XYZ(56.8765, 56.9876, 70.7916)
contains.

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Color

**XYZ(56.9789, 56.9561,
70.9413)**

Conversions

Conversions Part 1

Format	Color
Hex	CEC3D5
RGB	206, 195, 213
RGB Percent	81%, 76%, 84%
CMY	0.1922, 0.2353, 0.1647
CMYK	0.03, 0.08, 0.00, 0.16
HSL	277°, 18%, 80%
HSV	277°, 8%, 84%
XYZ	56.9789, 56.9561, 70.9413
YIQ	200.3410, 0.7780, 7.9300

Conversions

Conversions Part 2

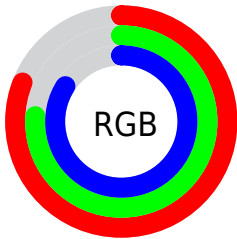
Format	Color
R _Y B	206, 195, 213
Decimal	13550549
CIE Lab	80.15, 7.13, -7.60
CIE LCh	80, 10.424, 313.189
Yxy	56.9561, 0.3082, 0.3081
Android (android.graphics.Color)	4291740629 (0xFFCEC3D5)
YUV	200.3410, 6.2409, 4.9629
Hunter-Lab	75.4693, 2.6954, -2.9043

Details

The XYZ color **56.9789, 56.9561, 70.9413** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.0038, 64.0867, 60.9455**, and the grayscale version is **55.0736, 57.9418, 63.0986**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **28.6453, 28.1938, 36.2799** is the 20% darker color. If you saturate the color by 10%, you get **50.3035, 46.9295, 69.3587**, and if you desaturate by 10%, it is **64.4597, 68.4116, 72.7590**.

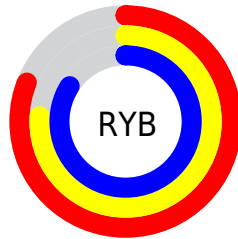
Distribution



Red (81%)

Green (76%)

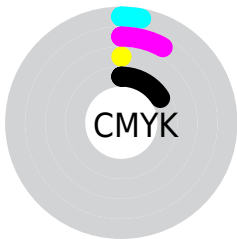
Blue (84%)



Red (81%)

Yellow (76%)

Blue (84%)

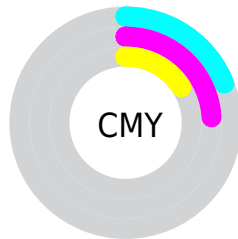


Cyan (3%)

Magenta (8%)

Yellow (0%)

Black (16%)



Cyan (19%)

Magenta (24%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.9789, 56.9561, 70.9413 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 56.9789, 56.9561, 70.9413 by changing the saturation by 10% instead.

■ 56.9789, 56.9561,
70.9413

■ 56.9789, 56.9561,
70.9413

403.3857,
413.2848, 482.7263

■ 41.2284, 40.9700,
51.8128

■ 99.5659, 100.4011,
122.2438

■ 28.6860, 28.2956,
36.4746

127.1332,
128.6288, 155.2549

■ 18.9865, 18.5486,
24.5084

159.3700,
161.7059, 193.7305

■ 11.7645, 11.3446,
15.4955

196.6418,
200.0166, 238.0893

■ 6.6546, 6.2991,
9.0174

239.3139,
243.9455, 288.7497

■ 3.2914, 3.0278,
4.6556

287.7517,

■ 1.3097, 1.1463,

293.8769, 346.1303

1.9914

342.3205,
350.1952, 410.6497

■ 0.1905, 0.0171,
0.5500

■ 0.0000, 0.0000,
0.0000

■ 56.9789, 56.9561,
70.9413

■ 56.9789, 56.9561,
70.9413

■ 50.3035, 46.9295,
69.3587

■ 64.4597, 68.4116,
72.7590

■ 44.3979, 38.2663,
67.9978

■ 72.7695, 81.3435,
74.8171

■ 39.2312, 30.9063,
66.8495

■ 80.6790, 93.2892,
76.7060

■ 34.7683, 24.7823,
65.9026

■ 83.4146, 94.6994,
76.8340

■ 30.9708, 19.8207,
65.1451

■ 86.2786, 96.1758,
76.9681

■ 27.7966, 15.9399,
64.5633

■ 89.0104, 97.5842,
77.0959

■ 25.1977, 13.0472,
64.1419

■ 23.1181, 11.0339,
63.8630

■ 21.4742, 9.7362,
63.6991

Harmonies

Analogous

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



55.0723, 56.9561, 74.1161



56.9789, 56.9561, 70.9413



58.1399, 56.9561, 65.4606

Triad

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



56.9789, 56.9561, 70.9413



55.3250, 56.9561, 51.4782



50.2549, 56.9561, 64.7229

Complementary

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



56.9789, 56.9561, 70.9413



58.0038, 64.0867, 60.9455

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.



50.3185, 56.9561, 58.6934



56.9789, 56.9561, 70.9413



53.2085, 56.9561, 51.3093

Square

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



56.9789, 56.9561, 70.9413



57.1680, 56.9561, 54.3491



51.3875, 56.9561, 53.8717



51.2113, 56.9561, 70.3709

Rectangle

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



56.9789, 56.9561, 70.9413



58.3165, 56.9561, 61.3671



51.3875, 56.9561, 53.8717



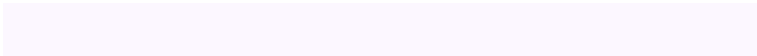
50.1584, 56.9561, 62.6685

Sweetspot

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



56.9806, 56.9585, 70.9425



91.5716, 94.6558, 108.0518



55.6856, 58.7435, 71.3553



19.4052, 19.9618, 23.0802



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.



56.9806, 56.9585, 70.9425



83.8925, 82.9629, 106.1996



58.7403, 57.8920, 69.8390



12.4636, 12.3804, 15.6703



13.0914, 5.9014, 38.9022



0.8811, 0.4031, 2.3507

Inverse Universe

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



57.6184, 57.4432, 63.9309



85.0398, 83.8325, 93.6851



56.3571, 63.2141, 61.9371



12.6212, 12.5000, 13.9456



17.7587, 9.0398, 6.0336



1.1111, 0.5612, 0.5744

Previews

White Background



This preview shows how the XYZ color 56.9789, 56.9561, 70.9413 looks on a white background.

Color Contrast Check

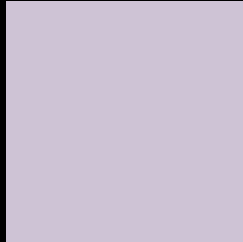
Large Text (above 18pt) WCAG AA × Fail

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 56.9789, 56.9561, 70.9413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

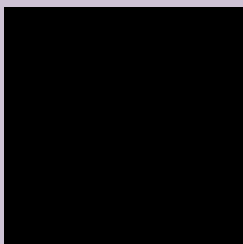
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

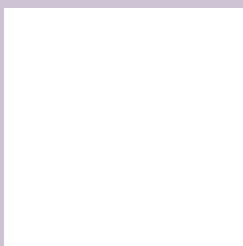
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.9789, 56.9561, 70.9413

Background



This preview shows how black text looks on a background with the XYZ color 56.9789, 56.9561, 70.9413.



This preview shows how white text looks on a background with the XYZ color 56.9789, 56.9561,

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

56.9789, 56.9561, 70.9413

Protanopia

55.7485, 57.3002, 72.4118

Deuteranopia

57.9442, 56.7929, 70.8589



Tritanopia

56.7266, 56.8552, 69.6124

Trichromacy



Original Color

56.9789, 56.9561, 70.9413

Protanomaly

56.1912, 57.2051, 71.6984

Deuteranomaly

57.5965, 56.9430, 70.9062

Tritanomaly

56.8524, 56.9055, 70.2748

Monochromacy



Original Color

56.9789, 56.9561, 70.9413

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.5706, 57.3525, 65.8989

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.9789, 56.9561, 70.9413 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, 213) looks like.

```
.text, #text, p{  
    color:rgb(206, 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(206, 195, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 195, 213) }
```

Border

The CSS property to change the border of an element to XYZ 56.9789, 56.9561, 70.9413 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, 213) }
```


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

```
.border{ border-color:rgb(206, 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(206, 195, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 195, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 195, 213);  
box-shadow:4px 4px 4px 4px rgb(206, 195,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 56.9789, 56.9561, 70.9413 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, 213) }
```

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

```
.background{ background-color: rgb(206,  
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](#).

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