

Converting Colors

XYZ(56.2273, 55.7363, 69.3135)

Have a look what the booklet for
XYZ(56.2273, 55.7363, 69.3135)
contains.

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Color

**XYZ(56.0611, 55.5242,
69.3905)**

Conversions

Conversions Part 1

Format	Color
Hex	CEC0D3
RGB	206, 192, 211
RGB Percent	81%, 75%, 83%
CMY	0.1922, 0.2470, 0.1725
CMYK	0.02, 0.09, 0.00, 0.17
HSL	284°, 18%, 79%
HSV	284°, 9%, 83%
XYZ	56.0611, 55.5242, 69.3905
YIQ	198.3520, 2.2450, 8.8770

Conversions

Conversions Part 2

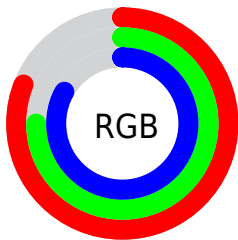
Format	Color
R _Y B	206, 192, 211
Decimal	13549779
CIE Lab	79.34, 8.36, -7.73
CIE LCh	79, 11.386, 317.251
Yxy	55.5242, 0.3098, 0.3068
Android (android.graphics.Color)	4291739859 (0xFFCEC0D3)
YUV	198.3520, 6.2355, 6.7073
Hunter-Lab	74.5146, 3.8942, -3.0527

Details

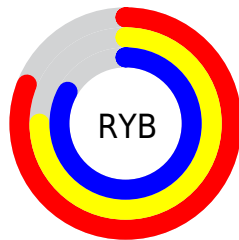
The XYZ color **56.0611, 55.5242, 69.3905** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.8366, 62.2660, 58.9475**, and the grayscale version is **53.8542, 56.6589, 61.7015**.

A 20% lighter version of the original color is **92.8574, 95.6148, 108.1691**, and **28.1823, 27.5409, 35.2831** is the 20% darker color. If you saturate the color by 10%, you get **50.2422, 46.1342, 67.8856**, and if you desaturate by 10%, it is **62.6019, 66.2754, 71.1218**.

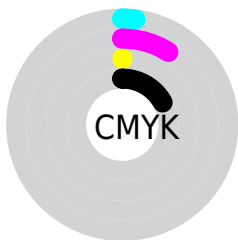
Distribution



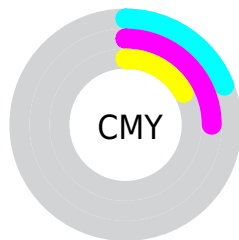
- Red (81%)
- Green (75%)
- Blue (83%)



- Red (81%)
- Yellow (75%)
- Blue (83%)



- Cyan (2%)
- Magenta (9%)
- Yellow (0%)
- Black (17%)



- Cyan (19%)
- Magenta (25%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.0611, 55.5242, 69.3905 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 56.0611, 55.5242, 69.3905 by changing the saturation by 10% instead.

■ 56.0611, 55.5242,
69.3905

■ 56.0611, 55.5242,
69.3905

399.9930,
407.8959, 477.1382

■ 40.4891, 39.8216,
50.5561

■ 98.2332, 98.3086,
120.0121

■ 28.1060, 27.3995,
35.4812

125.5640,
126.1591, 152.6364

■ 18.5464, 17.8735,
23.7472

157.5451,
158.8277, 190.6943

■ 11.4451, 10.8592,
14.9358

194.5420,
196.6988, 234.6045

■ 6.4365, 5.9722,
8.6282

236.9198,
240.1568, 284.7854

■ 3.1554, 2.8282,
4.4060

285.0440,

■ 1.2365, 1.0427,

289.5860, 341.6556

1.8506

339.2800,
345.3710, 405.6337

■ 0.1349, 0.0000,
0.4610

■ 0.0000, 0.0000,
0.0000

■ 56.0611, 55.5242,
69.3905

■ 56.0611, 55.5242,
69.3905

■ 50.2422, 46.1342,
67.8856

■ 62.6019, 66.2754,
71.1218

■ 45.1117, 38.0416,
66.5940

■ 69.8867, 78.4339,
73.0847

■ 40.6405, 31.1885,
65.5068

■ 77.8453, 91.8575,
75.2562

■ 36.7954, 25.5092,
64.6133

■ 79.5812, 92.7524,
75.3375

33.5402, 20.9324,
63.9014

81.3737, 93.6764,
75.4213

30.8348, 17.3783,
63.3580

83.2233, 94.6300,
75.5079

28.6335, 14.7568,
62.9680

85.1306, 95.6132,
75.5972

26.8826, 12.9611,
62.7137

87.0960, 96.6264,
75.6891

25.4953, 11.8189,
62.5664

88.7580, 97.4832,
75.7669

Harmonies

Analogous

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



54.0856, 55.5242, 73.2644



56.0611, 55.5242, 69.3905



57.1689, 55.5242, 63.2711

Triad

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



56.0611, 55.5242, 69.3905



53.7480, 55.5242, 49.0131



48.6950, 55.5242, 64.2589

Complementary

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



56.0611, 55.5242, 69.3905



55.8366, 62.2660, 58.9475

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.



48.6105, 55.5242, 57.7264



56.0611, 55.5242, 69.3905



51.4839, 55.5242, 49.2355

Square

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



56.0611, 55.5242, 69.3905



55.8078, 55.5242, 51.6928



49.6181, 55.5242, 52.3241



49.8524, 55.5242, 70.1584

Rectangle

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



56.0611, 55.5242, 69.3905



57.2460, 55.5242, 58.8846



49.6181, 55.5242, 52.3241



48.5413, 55.5242, 62.0559

Sweetspot

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



56.0627, 55.5266, 69.3917



91.9210, 94.8359, 108.0681



53.4797, 55.8748, 69.5951



19.4997, 20.0105, 23.0846



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.



56.0627, 55.5266, 69.3917



84.0813, 82.0174, 106.0071



56.9248, 56.0343, 66.5709



11.9945, 11.8460, 14.8980



15.4088, 7.1238, 37.7554



0.9340, 0.4357, 2.1144

Inverse Universe

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



55.7935, 55.5818, 60.6137



83.5945, 82.1305, 89.5394



55.0477, 61.8017, 61.5135



11.9347, 11.8586, 12.9317



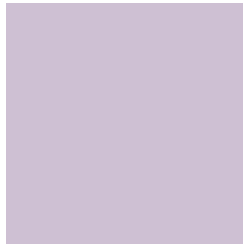
16.6726, 8.5419, 3.1820



0.9654, 0.4909, 0.3526

Previews

White Background



This preview shows how the XYZ color 56.0611, 55.5242, 69.3905 looks on a white background.

Color Contrast Check

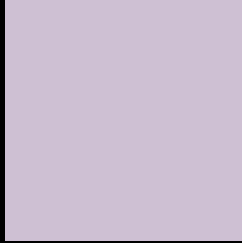
Large Text (above 18pt) WCAG AA × Fail

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 56.0611, 55.5242, 69.3905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

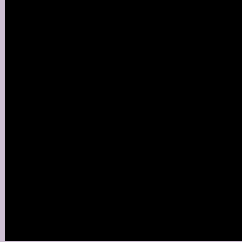
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.0611, 55.5242, 69.3905

Background



This preview shows how black text looks on a background with the XYZ color 56.0611, 55.5242, 69.3905.



This preview shows how white text looks on a background with the XYZ color 56.0611, 55.5242,

69.3905.

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

56.0611, 55.5242, 69.3905

Protanopia

54.0310, 55.4364, 70.8033

Deuteranopia

56.6832, 55.5201, 69.3569



Tritanopia

55.6320, 55.6731, 67.4884

Trichromacy



Original Color

56.0611, 55.5242, 69.3905

Protanomaly

54.7286, 55.4792, 70.1114

Deuteranomaly

56.4011, 55.3746, 69.3437

Tritanomaly

55.7554, 55.7225, 68.1385

Monochromacy



Original Color

56.0611, 55.5242, 69.3905

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

54.6068, 56.2092, 64.4713

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0611, 55.5242, 69.3905 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, 192, 211)` looks like.

```
.text, #text, p{  
    color:rgb(206, 192, 211)  
}
```

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, 192, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 192, 211) }
```

Border

The CSS property to change the border of an element to XYZ 56.0611, 55.5242, 69.3905 is called "border". The border property can be set on classes, ids or directly on the HTML element.

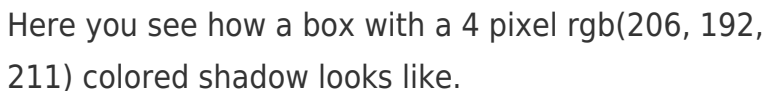
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(206, 192, 211) }
```


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

```
.border{ border-color:rgb(206, 192, 211) }
```

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



Here you see how a box with a 4 pixel `rgb(206, 192, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(206, 192, 211); -webkit-box-shadow:4px 4px 4px 4px rgb(206, 192, 211); box-shadow:4px 4px 4px 4px rgb(206, 192, 211) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0611, 55.5242, 69.3905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 192, 211) }
```

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

```
.background{ background-color: rgb(206,  
192, 211) }
```

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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