

Converting Colors

XYZ(55.4185, 56.8650, 69.0279)

Have a look what the booklet for
XYZ(55.4185, 56.8650, 69.0279)
contains.

XYZ(55.4185, 56.8650, 69.0279)	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(55.4185, 56.8650,
69.0279)**

Conversions

Conversions Part 1

Format	Color
Hex	C8C5D2
RGB	200, 197, 210
RGB Percent	78%, 77%, 82%
CMY	0.2157, 0.2274, 0.1765
CMYK	0.05, 0.06, 0.00, 0.18
HSL	254°, 13%, 80%
HSV	254°, 6%, 82%
XYZ	55.4185, 56.8650, 69.0279
YIQ	199.3790, -2.3850, 4.6790

Conversions

Conversions Part 2

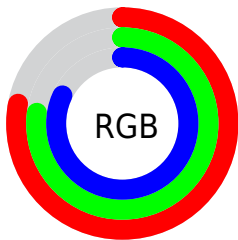
Format	Color
R _Y B	200, 197, 210
Decimal	13157842
CIE Lab	80.10, 3.47, -6.12
CIE LCh	80, 7.032, 299.578
Yxy	56.8650, 0.3057, 0.3136
Android (android.graphics.Color)	4291347922 (0xFFC8C5D2)
YUV	199.3790, 5.2362, 0.5446
Hunter-Lab	75.4089, -0.7847, -1.4868

Details

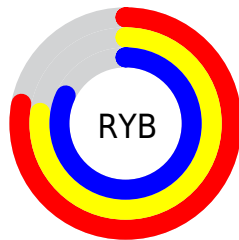
The XYZ color **55.4185, 56.8650, 69.0279** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.8589, 63.3913, 61.9597**, and the grayscale version is **54.4895, 57.3272, 62.4293**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **27.6773, 28.1562, 35.4284** is the 20% darker color. If you saturate the color by 10%, you get **46.8890, 45.8767, 67.3574**, and if you desaturate by 10%, it is **65.0717, 69.4217, 70.9437**.

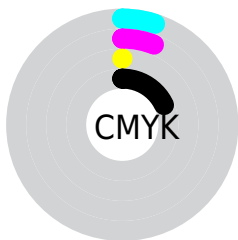
Distribution



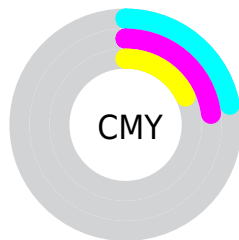
- Red (78%)
- Green (77%)
- Blue (82%)



- Red (78%)
- Yellow (77%)
- Blue (82%)



- Cyan (5%)
- Magenta (6%)
- Yellow (0%)
- Black (18%)



- Cyan (22%)
- Magenta (23%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.4185, 56.8650, 69.0279 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 55.4185, 56.8650, 69.0279 by changing the saturation by 10% instead.

■ 55.4185, 56.8650,
69.0279

■ 55.4185, 56.8650,
69.0279

397.6070,
412.9433, 475.8260

■ 39.9721, 40.8969,
50.2625

97.2986, 100.2682,
119.4895

■ 27.7009, 28.2385,
35.2494

124.4630,
128.4720, 152.0228

■ 18.2396, 18.5055,
23.5700

156.2640,
161.5232, 189.9825

■ 11.2229, 11.3135,
14.8057

193.0671,
199.8061, 233.7872

■ 6.2853, 6.2781,
8.5380

235.2376,
243.7052, 283.8553

■ 3.0617, 3.0149,
4.3484

283.1409,

■ 1.1865, 1.1395,

293.6048, 340.6055

1.8184

337.1422,
349.8894, 404.4562

■ 0.0956, 0.0115,
0.4400

■ 0.0000, 0.0000,
0.0000

■ 55.4185, 56.8650,
69.0279

■ 55.4185, 56.8650,
69.0279

■ 46.8890, 45.8767,
67.3574

■ 65.0717, 69.4217,
70.9437

■ 39.4367, 36.3878,
65.9186

■ 75.8828, 83.5981,
73.1102

■ 33.0194, 28.3345,
64.7024

■ 86.2731, 96.2166,
74.9982

■ 27.5899, 21.6460,
63.6975

■ 88.6330, 97.4332,
75.1086

■ 23.0974, 16.2452,
62.8919

■ 19.4862, 12.0470,
62.2718

■ 16.6946, 8.9560,
61.8224

■ 14.6518, 6.8618,
61.5258

■ 13.2725, 5.6274,
61.3602

Harmonies

Analogous

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



54.0282, 56.8650, 70.1380



55.4185, 56.8650, 69.0279



56.4568, 56.8650, 65.9942

Triad

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



55.4185, 56.8650, 69.0279



55.4542, 56.8650, 55.3646



51.3426, 56.8650, 61.8583

Complementary

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



55.4185, 56.8650, 69.0279



58.8589, 63.3913, 61.9597

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.



51.7096, 56.8650, 58.0100



55.4185, 56.8650, 69.0279



54.0688, 56.8650, 54.3636

Square

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



55.4185, 56.8650, 69.0279



56.4777, 56.8650, 58.1063



52.7012, 56.8650, 55.3108



51.6899, 56.8650, 65.8893

Rectangle

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



55.4185, 56.8650, 69.0279



56.8009, 56.8650, 63.3533



52.7012, 56.8650, 55.3108



51.3864, 56.8650, 60.5013

Sweetspot

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



55.4202, 56.8674, 69.0291



92.0156, 96.0524, 108.2980



57.0180, 61.2397, 69.7889



19.7269, 20.6005, 23.1865



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.



55.4202, 56.8674, 69.0291



84.7441, 86.6229, 106.8611



57.1426, 57.7554, 69.1098



11.7760, 12.0135, 14.9418



7.9253, 3.2659, 37.4052



0.5145, 0.2194, 2.0948

Inverse Universe

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



57.8091, 58.1417, 67.2100



88.9620, 88.8730, 103.6365



57.1288, 62.4994, 61.8787



12.4021, 12.3475, 14.4622



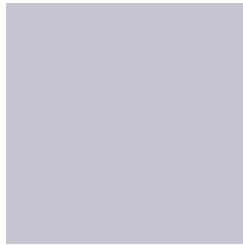
20.2077, 9.9559, 21.7978



1.1590, 0.5683, 1.3722

Previews

White Background



This preview shows how the XYZ color 55.4185, 56.8650, 69.0279 looks on a white background.

Color Contrast Check

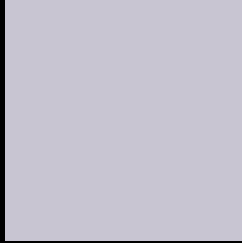
Large Text (above 18pt) WCAG AA × Fail

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 55.4185, 56.8650, 69.0279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

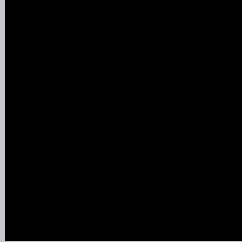
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.4185, 56.8650, 69.0279

Background



This preview shows how black text looks on a background with the XYZ color 55.4185, 56.8650, 69.0279.

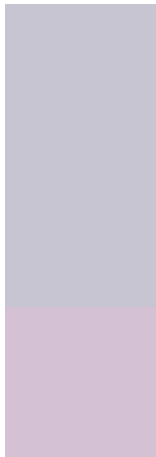


This preview shows how white text looks on a background with the XYZ color 55.4185, 56.8650,

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

55.4185, 56.8650, 69.0279

Protanopia

55.1523, 56.7278, 69.0155

Deuteranopia

57.9792, 56.8401, 69.5434



Tritanopia

55.6693, 56.9653, 70.3487

Trichromacy



Original Color

55.4185, 56.8650, 69.0279

Protanomaly

55.1523, 56.7278, 69.0155

Deuteranomaly

57.0621, 56.6966, 69.5641

Tritanomaly

55.5435, 56.9150, 69.6863

Monochromacy



Original Color

55.4185, 56.8650, 69.0279

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.5268, 56.8421, 64.5977

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4185, 56.8650, 69.0279 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(200, 197, 210)` looks like.

```
.text, #text, p{  
    color:rgb(200, 197, 210)  
}
```

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(200, 197, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 197, 210) }
```

Border

The CSS property to change the border of an element to XYZ 55.4185, 56.8650, 69.0279 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(200, 197, 210) }
```


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

```
.border{ border-color:rgb(200, 197, 210) }
```

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

Here you see how a box with a 4 pixel rgb(200, 197, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 197, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 197, 210);  
box-shadow:4px 4px 4px 4px rgb(200, 197,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4185, 56.8650, 69.0279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 197, 210) }
```

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

```
.background{ background-color: rgb(200,  
197, 210) }
```

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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