

Converting Colors

XYZ(56.0722, 58.5687, 69.3185)

Have a look what the booklet for
XYZ(56.0722, 58.5687, 69.3185)
contains.

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Color

**XYZ(56.0727, 58.5685,
69.3223)**

Conversions

Conversions Part 1

Format	Color
Hex	C7C9D2
RGB	199, 201, 210
RGB Percent	78%, 79%, 82%
CMY	0.2196, 0.2117, 0.1765
CMYK	0.05, 0.04, 0.00, 0.18
HSL	229°, 11%, 80%
HSV	229°, 5%, 82%
XYZ	56.0727, 58.5685, 69.3223
YIQ	201.4280, -4.0810, 2.3750

Conversions

Conversions Part 2

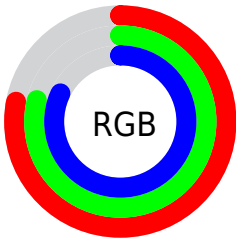
Format	Color
R _Y B	199, 201, 210
Decimal	13093330
CIE Lab	81.05, 1.01, -4.72
CIE LCh	81, 4.828, 282.103
Yxy	58.5685, 0.3048, 0.3184
Android (android.graphics.Color)	4291283410 (0xFFC7C9D2)
YUV	201.4280, 4.2260, -2.1294
Hunter-Lab	76.5301, -3.1427, -0.1349

Details

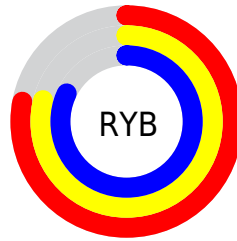
The XYZ color **56.0727, 58.5685, 69.3223** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.4433, 62.9365, 63.0488**, and the grayscale version is **55.7607, 58.6646, 63.8858**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.1115, 29.2875, 35.6239** is the 20% darker color. If you saturate the color by 10%, you get **47.0983, 48.3280, 67.8196**, and if you desaturate by 10%, it is **66.2672, 70.1059, 71.0128**.

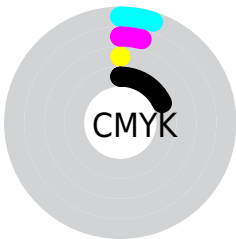
Distribution



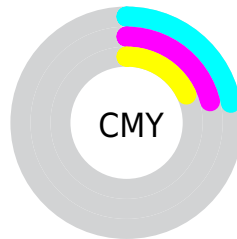
- Red (78%)
- Green (79%)
- Blue (82%)



- Red (78%)
- Yellow (79%)
- Blue (82%)



- Cyan (5%)
- Magenta (4%)
- Yellow (0%)
- Black (18%)



- Cyan (22%)
- Magenta (21%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.0727, 58.5685, 69.3223 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 56.0727, 58.5685, 69.3223 by changing the saturation by 10% instead.

■ 56.0727, 58.5685,
69.3223

■ 56.0727, 58.5685,
69.3223

400.0360,
419.3010, 476.8916

■ 40.4984, 42.2659,
50.5008

98.2501, 102.7503,
119.9138

■ 28.1133, 29.3095,
35.4376

125.5839,
131.3982, 152.5210

■ 18.5520, 19.3151,
23.7139

157.5682,
164.9300, 190.5605

■ 11.4491, 11.8982,
14.9113

194.5685,
203.7300, 234.4508

■ 6.4393, 6.6744,
8.6112

236.9501,
248.1828, 284.6106

■ 3.1572, 3.2593,
4.3951

285.0783,

■ 1.2374, 1.2686,

298.6726, 341.4582

1.8445

339.3185,
355.5839, 405.4124

■ 0.1356, 0.1167,
0.4571

■ 0.0000, 0.0000,
0.0000

■ 56.0727, 58.5685,
69.3223

■ 56.0727, 58.5685,
69.3223

■ 47.0983, 48.3280,
67.8196

■ 66.2672, 70.1059,
71.0128

■ 39.2930, 39.3315,
66.4945

■ 77.7201, 82.9758,
72.8933

■ 32.6094, 31.5332,
65.3415

■ 87.8513, 95.8697,
74.8481

■ 26.9953, 24.8819,
64.3536

■ 88.6330, 97.4332,
75.1087

■ 22.3940, 19.3224,
63.5230

■ 18.7434, 14.7950,
62.8415

■ 15.9746, 11.2340,
62.3001

■ 14.0087, 8.5656,
61.8887

■ 12.7516, 6.7045,
61.5957

Harmonies

Analogous

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



55.0774, 58.5685, 69.1697



56.0727, 58.5685, 69.3223



56.9699, 58.5685, 67.9551

Triad

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



56.0727, 58.5685, 69.3223



57.1100, 58.5685, 60.1412



53.8535, 58.5685, 62.0897

Complementary

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



56.0727, 58.5685, 69.3223



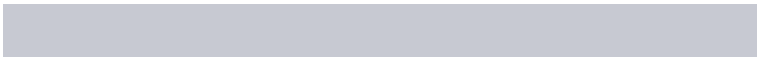
59.4433, 62.9365, 63.0488

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.



54.3853, 58.5685, 59.7625



56.0727, 58.5685, 69.3223



56.2620, 58.5685, 58.6610

Square

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



56.0727, 58.5685, 69.3223



57.5736, 58.5685, 62.6208



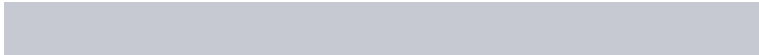
55.2645, 58.5685, 58.5245



53.8042, 58.5685, 64.9355

Rectangle

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



56.0727, 58.5685, 69.3223



57.3885, 58.5685, 66.3890



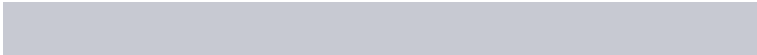
55.2645, 58.5685, 58.5245



53.9814, 58.5685, 61.2230

Sweetspot

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



56.0744, 58.5710, 69.3236



91.8822, 96.4129, 108.3746



57.9839, 62.7896, 68.7282



19.6998, 20.6739, 23.2021



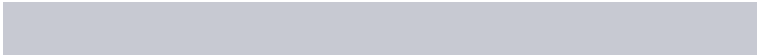
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



56.0744, 58.5710, 69.3236



85.7804, 89.4867, 107.3593



56.5454, 58.1252, 69.2127



11.9018, 12.4061, 15.0110



7.5766, 3.7999, 37.5266



0.4774, 0.3200, 2.1162

Inverse Universe

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



57.5457, 58.7668, 63.5713



88.4119, 89.8437, 97.0693



58.9537, 63.4136, 63.1667



12.3004, 12.4608, 13.4523



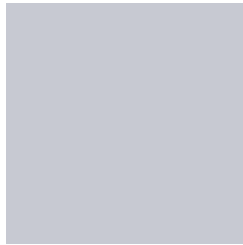
16.4551, 8.4549, 2.0366



0.9472, 0.4836, 0.2568

Previews

White Background



This preview shows how the XYZ color 56.0727, 58.5685, 69.3223 looks on a white background.

Color Contrast Check

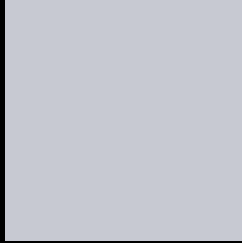
Large Text (above 18pt) WCAG AA × Fail

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 56.0727, 58.5685, 69.3223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

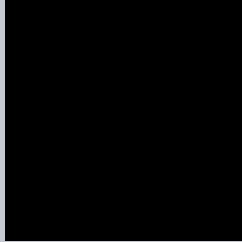
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

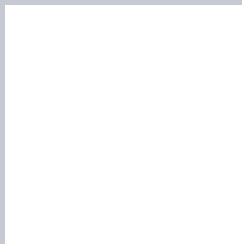
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.0727, 58.5685, 69.3223

Background



This preview shows how black text looks on a background with the XYZ color 56.0727, 58.5685, 69.3223.

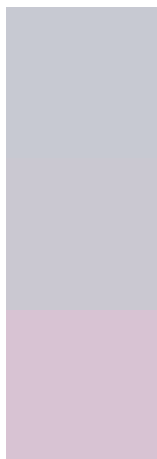


This preview shows how white text looks on a background with the XYZ color 56.0727, 58.5685,

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

56.0727, 58.5685, 69.3223

Protanopia

56.5200, 58.4686, 68.6282

Deuteranopia

59.5919, 58.3323, 69.7464



Tritanopia

56.8684, 58.5458, 73.2689

Trichromacy



Original Color

56.0727, 58.5685, 69.3223

Protanomaly

56.2503, 58.3295, 68.6156

Deuteranomaly

58.3025, 58.3373, 69.8154

Tritanomaly

56.6113, 58.4430, 71.9152

Monochromacy



Original Color

56.0727, 58.5685, 69.3223

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.6051, 58.4123, 65.4707

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0727, 58.5685, 69.3223 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(199, 201, 210)` looks like.

```
.text, #text, p{  
    color:rgb(199, 201, 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(199, 201, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 201, 210) }
```

Border

The CSS property to change the border of an element to XYZ 56.0727, 58.5685, 69.3223 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(199, 201, 210) }
```


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

```
.border{ border-color:rgb(199, 201, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 201, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 201, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 201, 210);  
box-shadow:4px 4px 4px 4px rgb(199, 201,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0727, 58.5685, 69.3223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 201, 210) }
```

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

```
.background{ background-color: rgb(199,  
201, 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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