

Converting Colors

XYZ(56.2010, 59.8864, 69.0709)

Have a look what the booklet for
XYZ(56.2010, 59.8864, 69.0709)
contains.

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Color

**XYZ(56.3659, 60.1364,
68.9583)**

Conversions

Conversions Part 1

Format	Color
Hex	C5CDD1
RGB	197, 205, 209
RGB Percent	77%, 80%, 82%
CMY	0.2274, 0.1961, 0.1804
CMYK	0.06, 0.02, 0.00, 0.18
HSL	200°, 12%, 80%
HSV	200°, 6%, 82%
XYZ	56.3659, 60.1364, 68.9583
YIQ	203.0640, -6.0520, -0.4520

Conversions

Conversions Part 2

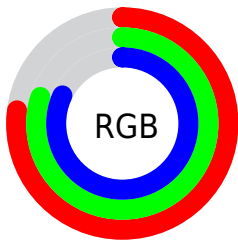
Format	Color
R _Y B	197, 202, 209
Decimal	12963281
CIE Lab	81.91, -1.96, -2.94
CIE LCh	82, 3.532, 236.327
Yxy	60.1364, 0.3039, 0.3243
Android (android.graphics.Color)	4291153361 (0xFFC5CDD1)
YUV	203.0640, 2.9264, -5.3181
Hunter-Lab	77.5477, -5.9648, 1.5605

Details

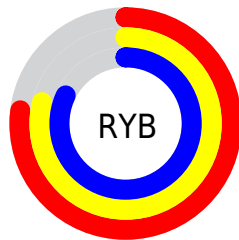
The XYZ color **56.3659, 60.1364, 68.9583** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.2594, 59.3593, 61.2639**, and the grayscale version is **56.7913, 59.7489, 65.0665**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **28.3107, 30.3394, 35.3743** is the 20% darker color. If you saturate the color by 10%, you get **49.6403, 54.2536, 68.1782**, and if you desaturate by 10%, it is **63.9278, 66.5637, 69.8013**.

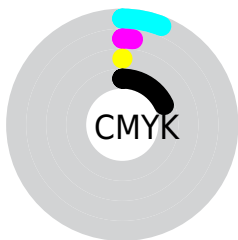
Distribution



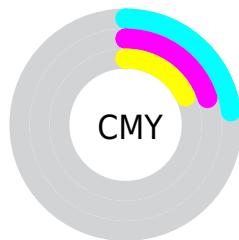
- Red (77%)
- Green (80%)
- Blue (82%)



- Red (77%)
- Yellow (79%)
- Blue (82%)



- Cyan (6%)
- Magenta (2%)
- Yellow (0%)
- Black (18%)



- Cyan (23%)
- Magenta (20%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.3659, 60.1364, 68.9583 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 56.3659, 60.1364, 68.9583 by changing the saturation by 10% instead.

■ 56.3659, 60.1364,
68.9583

■ 56.3659, 60.1364,
68.9583

401.1217,
425.1004, 475.5738

■ 40.7345, 43.5286,
50.2062

98.6761, 105.0275,
119.3892

■ 28.2985, 30.3001,
35.2049

126.0856,
134.0796, 151.9050

■ 18.6924, 20.0665,
23.5360

158.1518,
168.0486, 189.8458

■ 11.5509, 12.4434,
14.7808

195.2402,
207.3188, 233.6302

■ 6.5087, 7.0464,
8.5207

237.7160,
252.2747, 283.6766

■ 3.2003, 3.4911,
4.3374

285.9446,

■ 1.2606, 1.3932,

303.3007, 340.4037

1.8122

340.2914,
360.7811, 404.2299

■ 0.1534, 0.2117,
0.4360

■ 0.0000, 0.0000,
0.0000

■ 56.3659, 60.1364,
68.9583

■ 56.3659, 60.1364,
68.9583

■ 49.6403, 54.2536,
68.1782

■ 63.9278, 66.5637,
69.8013

■ 43.7138, 48.8896,
67.4552

■ 72.3510, 73.5447,
70.7048

■ 38.5541, 44.0281,
66.7888

■ 79.9147, 80.1954,
71.5898

■ 34.1244, 39.6485,
66.1769

■ 81.8450, 84.0560,
72.2333

■ 30.3847, 35.7289,
65.6175

■ 83.8531, 88.0721,
72.9026

■ 27.2911, 32.2449,
65.1080

■ 85.9397, 92.2453,
73.5982

■ 24.7940, 29.1696,
64.6460

■ 88.1058, 96.5775,
74.3202

■ 22.8359, 26.4715,
64.2285

■ 88.5088, 97.3835,
74.4545

■ 21.3461, 24.1127,
63.8517

Harmonies

Analogous

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



55.8813, 60.1364, 67.3179



56.3659, 60.1364, 68.9583



57.0660, 60.1364, 69.6657

Triad

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



56.3659, 60.1364, 68.9583



58.6019, 60.1364, 65.7420



56.5238, 60.1364, 61.8636

Complementary

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



56.3659, 60.1364, 68.9583



57.2594, 59.3593, 61.2639

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.



57.2498, 60.1364, 61.4621



56.3659, 60.1364, 68.9583



58.4536, 60.1364, 63.6726

Square

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



56.3659, 60.1364, 68.9583



58.3604, 60.1364, 67.7835



57.9572, 60.1364, 62.1174



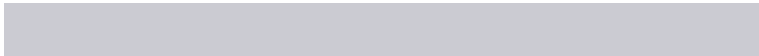
55.9719, 60.1364, 63.2260

Rectangle

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



56.3659, 60.1364, 68.9583



57.5622, 60.1364, 69.5020



57.9572, 60.1364, 62.1174



56.7554, 60.1364, 61.6131

Sweetspot

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



56.3676, 60.1390, 68.9596



92.6590, 97.9665, 108.6335



56.3465, 61.6799, 64.0717



19.8579, 20.9903, 23.2548



0.0000, 0.0000, 0.0000



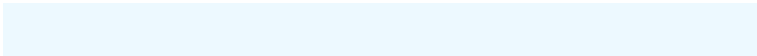
20.3446, 21.4041, 23.3091

Same Dimension

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



56.3676, 60.1390, 68.9596



86.9178, 93.0356, 107.9843



55.0050, 57.4137, 68.5054



12.0984, 12.9641, 15.1083



12.9171, 14.4809, 39.3068



0.7935, 0.9523, 2.2216

Inverse Universe

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



57.2815, 57.8968, 65.9167



88.6751, 88.7582, 102.1257



58.6379, 62.1163, 61.7234



12.3594, 12.3304, 14.2378



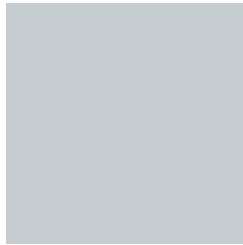
19.1507, 9.5331, 16.2316



1.1068, 0.5474, 1.0971

Previews

White Background



This preview shows how the XYZ color 56.3659, 60.1364, 68.9583 looks on a white background.

Color Contrast Check

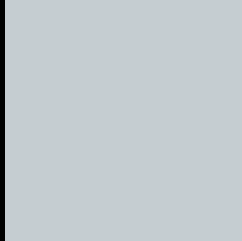
Large Text (above 18pt) WCAG AA × Fail

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 56.3659, 60.1364, 68.9583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

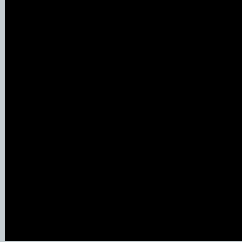
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

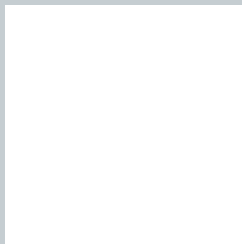
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.3659, 60.1364, 68.9583

Background



This preview shows how black text looks on a background with the XYZ color 56.3659, 60.1364, 68.9583.

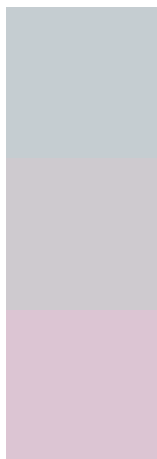


This preview shows how white text looks on a background with the XYZ color 56.3659, 60.1364,

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

56.3659, 60.1364, 68.9583

Protanopia

57.8366, 59.8679, 67.5388

Deuteranopia

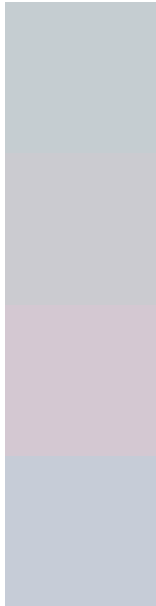
61.2393, 59.8513, 69.9528



Tritanopia

57.6953, 59.9685, 75.5520

Trichromacy



Original Color

56.3659, 60.1364, 68.9583

Protanomaly

57.3697, 59.9624, 68.2247

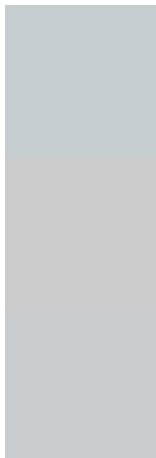
Deuteranomaly

59.4385, 59.9587, 69.4132

Tritanomaly

57.1473, 60.0978, 72.8780

Monochromacy



Original Color

56.3659, 60.1364, 68.9583

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.6997, 60.0110, 66.3525

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3659, 60.1364, 68.9583 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(197, 205, 209) looks like.

```
.text, #text, p{  
    color:rgb(197, 205, 209)  
}
```

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(197, 205, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 205, 209) }
```

Border

The CSS property to change the border of an element to XYZ 56.3659, 60.1364, 68.9583 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(197, 205, 209) }
```


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

```
.border{ border-color:rgb(197, 205, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 205, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 205, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 205, 209);  
box-shadow:4px 4px 4px 4px rgb(197, 205,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3659, 60.1364, 68.9583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 205, 209) }
```

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

```
.background{ background-color: rgb(197,  
205, 209) }
```

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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