

Converting Colors

XYZ(55.5683, 58.2639, 70.3734)

Have a look what the booklet for
XYZ(55.5683, 58.2639, 70.3734)
contains.

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Color

**XYZ(55.5353, 58.2625,
70.6061)**

Conversions

Conversions Part 1

Format	Color
Hex	C4C9D4
RGB	196, 201, 212
RGB Percent	77%, 79%, 83%
CMY	0.2314, 0.2117, 0.1686
CMYK	0.08, 0.05, 0.00, 0.17
HSL	221°, 16%, 80%
HSV	221°, 8%, 83%
XYZ	55.5353, 58.2625, 70.6061
YIQ	200.7590, -6.5110, 2.3610

Conversions

Conversions Part 2

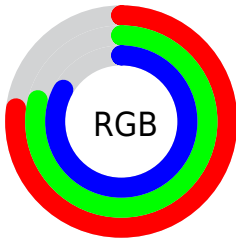
Format	Color
R _Y B	196, 200, 212
Decimal	12896724
CIE Lab	80.88, 0.40, -6.07
CIE LCh	81, 6.082, 273.754
Yxy	58.2625, 0.3012, 0.3160
Android (android.graphics.Color)	4291086804 (0xFFC4C9D4)
YUV	200.7590, 5.5418, -4.1736
Hunter-Lab	76.3299, -3.7061, -1.4131

Details

The XYZ color **55.5353, 58.2625, 70.6061** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.4283, 62.6079, 61.1780**, and the grayscale version is **55.3392, 58.2212, 63.4029**.

A 20% lighter version of the original color is **94.3180, 99.6226, 108.8657**, and **27.6749, 29.0525, 36.0474** is the 20% darker color. If you saturate the color by 10%, you get **47.1689, 49.1452, 69.2881**, and if you desaturate by 10%, it is **65.0066, 68.4310, 72.0705**.

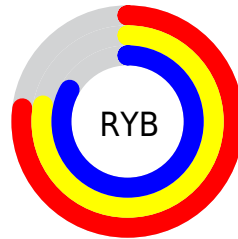
Distribution



Red (77%)

Green (79%)

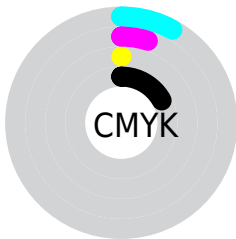
Blue (83%)



Red (77%)

Yellow (78%)

Blue (83%)

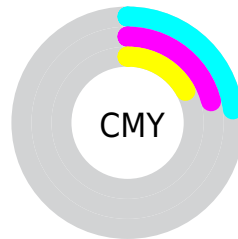


Cyan (8%)

Magenta (5%)

Yellow (0%)

Black (17%)



Cyan (23%)

Magenta (21%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.5353, 58.2625, 70.6061 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 55.5353, 58.2625, 70.6061 by changing the saturation by 10% instead.

■ 55.5353, 58.2625,
70.6061

■ 55.5353, 58.2625,
70.6061

398.0414,
418.1634, 481.5218

■ 40.0660, 42.0197,
51.5410

97.4686, 102.3050,
121.7619

■ 27.7744, 29.1167,
36.2596

124.6632,
130.8736, 154.6896

■ 18.2953, 19.1691,
24.3435

156.4971,
164.3195, 193.0753

■ 11.2632, 11.7926,
15.3741

193.3355,
203.0271, 237.3375

■ 6.3127, 6.6026,
8.9328

235.5437,
247.3810, 287.8947

■ 3.0786, 3.2148,
4.6012

283.4872,

■ 1.1955, 1.2449,

297.7653, 345.1654

1.9606

337.5313,
354.5647, 409.5683

■ 0.1028, 0.0979,
0.5309

■ 0.0000, 0.0000,
0.0000

■ 55.5353, 58.2625,
70.6061

■ 55.5353, 58.2625,
70.6061

■ 47.1689, 49.1452,
69.2881

■ 65.0066, 68.4310,
72.0705

■ 39.8608, 41.0370,
68.1083

■ 75.6168, 79.6761,
73.6818

■ 33.5686, 33.9038,
67.0631

■ 85.6912, 91.1483,
75.3652

■ 28.2451, 27.7067,
66.1475

■ 88.8838, 97.5335,
76.4294

■ 23.8388, 22.4041,
65.3562

■ 20.2936, 17.9507,
64.6835

■ 17.5463, 14.2968,
64.1230

■ 15.5242, 11.3866,
63.6678

■ 14.1305, 9.1501,
63.3096

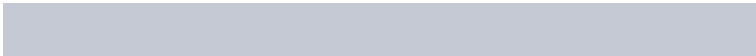
Harmonies

Analogous

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



54.3137, 58.2625, 69.8575



55.5353, 58.2625, 70.6061



56.7319, 58.2625, 69.3749

Triad

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



55.5353, 58.2625, 70.6061



57.4127, 58.2625, 59.6655



53.2351, 58.2625, 60.4229

Complementary

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



55.5353, 58.2625, 70.6061



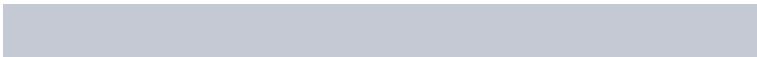
59.4283, 62.6079, 61.1780

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.



54.0434, 58.2625, 57.8498



55.5353, 58.2625, 70.6061



56.4536, 58.2625, 57.4242

Square

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



55.5353, 58.2625, 70.6061



57.8262, 58.2625, 62.9854



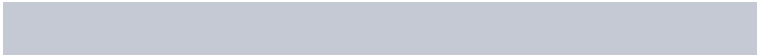
55.2185, 58.2625, 56.7722



52.9975, 58.2625, 63.8927

Rectangle

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



55.5353, 58.2625, 70.6061



57.3509, 58.2625, 67.6235



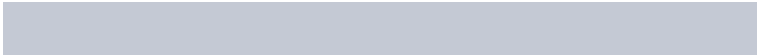
55.2185, 58.2625, 56.7722



53.4484, 58.2625, 59.4288

Sweetspot

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



55.5370, 58.2650, 70.6074



92.0904, 96.8293, 108.4440



57.5638, 63.3255, 68.1788



19.7422, 20.7588, 23.2163



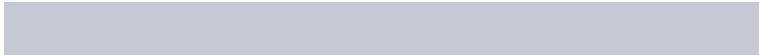
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



55.5370, 58.2650, 70.6074



82.2776, 86.2495, 106.9191



55.1602, 56.3675, 70.2610



12.0563, 12.6359, 15.7411



8.6287, 5.5192, 39.0637



0.5936, 0.4792, 2.3805

Inverse Universe

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



57.4353, 57.6952, 63.3703



85.7241, 85.2467, 93.7725



59.8216, 64.6385, 61.5493



12.5816, 12.4841, 13.7370



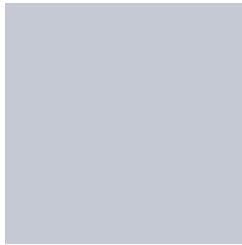
17.4142, 8.9020, 4.2195



1.0873, 0.5517, 0.4490

Previews

White Background



This preview shows how the XYZ color 55.5353, 58.2625, 70.6061 looks on a white background.

Color Contrast Check

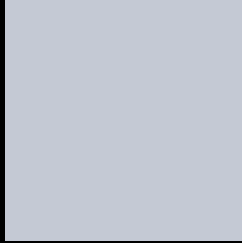
Large Text (above 18pt) WCAG AA × Fail

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 55.5353, 58.2625, 70.6061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

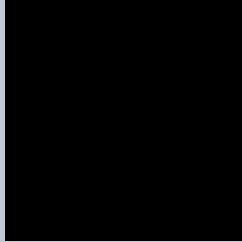
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

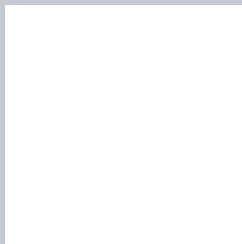
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.5353, 58.2625, 70.6061

Background



This preview shows how black text looks on a background with the XYZ color 55.5353, 58.2625, 70.6061.

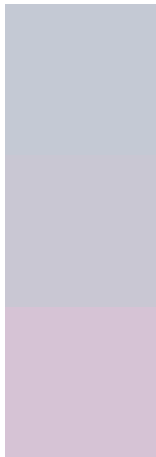


This preview shows how white text looks on a background with the XYZ color 55.5353, 58.2625,

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

55.5353, 58.2625, 70.6061

Protanopia

56.2687, 57.9675, 69.8512

Deuteranopia

59.2569, 58.1305, 71.0479



Tritanopia

56.0749, 58.1367, 73.2318

Trichromacy



Original Color

55.5353, 58.2625, 70.6061

Protanomaly

55.9653, 58.1538, 69.9031

Deuteranomaly

57.7086, 58.0020, 71.1047

Tritanomaly

55.9460, 58.0852, 72.5529

Monochromacy



Original Color

55.5353, 58.2625, 70.6061

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.4593, 58.3232, 66.0921

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5353, 58.2625, 70.6061 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(196, 201, 212)` looks like.

```
.text, #text, p{  
    color:rgb(196, 201, 212)  
}
```

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(196, 201, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 201, 212) }
```

Border

The CSS property to change the border of an element to XYZ 55.5353, 58.2625, 70.6061 is called "border". The border property can be set on classes, ids or directly on the HTML element.

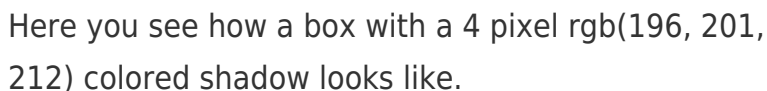
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 201, 212) }
```


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

```
.border{ border-color:rgb(196, 201, 212) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 201, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 201, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 201, 212);  
box-shadow:4px 4px 4px 4px rgb(196, 201,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5353, 58.2625, 70.6061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 201, 212) }
```

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

```
.background{ background-color: rgb(196,  
201, 212) }
```

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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