Converting Colors

XYZ(55.3610, 59.2928, 67.5583)

Have a look what the booklet for XYZ(55.3610, 59.2928, 67.5583) contains.

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Color

XYZ(55.3610, 59.2928, 67.5583)

Conversions

Format	Color
Hex	C3CCCF
RGB	195, 204, 207
RGB Percent	76%, 80%, 81%
CMY	0.2353, 0.2000, 0.1882
CMYK	0.06, 0.01, 0.00, 0.19
HSL	195°, 11%, 79%
HSV	195°, 6%, 81%
XYZ	55.3610, 59.2928, 67.5583
YIQ	201.6510, -6.3270, -0.9750

Conversions Part 1

Conversions

Conversions Part 2

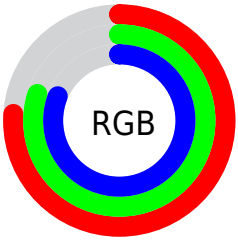
Format	Color
RYB	195, 200, 207
Decimal	12831951
CIELab	81.45, -2.49, -2.56
CIELCh	81, 3.570, 225.853
Yxy	59.2928, 0.3038, 0.3254
Android (android.graphics.Color)	4291022031 (0xFFC3CCCF)
YUV	201.6510, 2.6371, -5.8329
Hunter-Lab	77.0018, -6.4193, 1.8826

Details

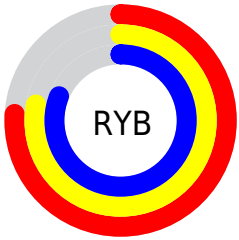
The XYZ color 55.3610, 59.2928, 67.5583 is a light color, and the websafe version is hex CCCCCC. A complement of this color would be 55.7767, 57.5932, 59.8075, and the grayscale version is 55.9099, 58.8216, 64.0567.

A 20% lighter version of the original color is 93.9549, 99.4354, 108.8487, and 27.6406, 29.7753, 34.4274 is the 20% darker color. If you saturate the color by 10%, you get 49.1710, 54.3094, 66.9236, and if you desaturate by 10%, it is 62.3367, 64.7450, 68.2439.

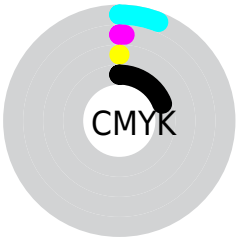
Distribution



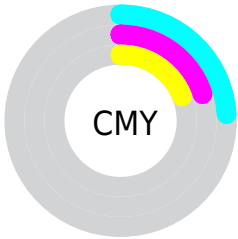
- Red (76%)
- Green (80%)
- Blue (81%)



- Red (76%)
- Yellow (78%)
- Blue (81%)



- Cyan (6%)
- Magenta (1%)
- Yellow (0%)
- Black (19%)



- Cyan (24%)
- Magenta (20%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.3610, 59.2928, 67.5583 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 55.3610, 59.2928, 67.5583 by changing the saturation by 10% instead.

55.3610, 59.2928, 67.5583

55.3610, 59.2928, 67.5583

397.3931, 421.9861, 470.4850

39.9258, 42.8489, 49.0740

97.2149, 103.8031, 117.3683

27.6647, 29.7666, 34.3122

124.3644, 132.6383, 149.5310

18.2122, 19.6615, 22.8542

156.1493, 166.3726, 187.0904

11.2030, 12.1492, 14.2816

192.9350, 205.3905, 230.4649

6.2719, 6.8454, 8.1758

235.0869, 250.0765, 280.0731

3.0533, 3.3656, 4.1183

282.9703,

1.1820, 1.3254,

300.8148, 336.3334

336.9506, 357.9899, 399.6645

1.6905

0.0921, 0.1608, 0.3542

0.0000, 0.0000, 0.0000

55.3610, 59.2928, 67.5583

55.3610, 59.2928, 67.5583

49.1710, 54.3094, 66.9236

62.3367, 64.7450, 68.2439

43.7308, 49.7709, 66.3343

70.1219, 70.6740, 68.9780

39.0093, 45.6624, 65.7901

77.9683, 76.6963, 69.7269

34.9713, 41.9649, 65.2892

79.3421, 79.4440, 70.1848

31.5783, 38.6581, 64.8298

28.7878, 35.7196, 64.4097

26.5521, 33.1239, 64.0265

24.8157, 30.8420, 63.6776

23.5098, 28.8377, 63.3595

80.7583, 82.2764, 70.6569

82.2172, 85.1941, 71.1432

83.7190, 88.1978, 71.6438

85.2643, 91.2883, 72.1589

86.8532, 94.4662, 72.6885

Harmonies

Analogous

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

54.9849, 59.2928, 65.6906

55.3610, 59.2928, 67.5583

56.0055, 59.2928, 68.6335

Triad

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

55.3610, 59.2928, 67.5583

57.7611, 59.2928, 65.5710

55.9644, 59.2928, 60.6810

Complementary

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

55.3610, 59.2928, 67.5583

55.7767, 57.5932, 59.8075

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.

56.7080, 59.2928, 60.6505

55.3610, 59.2928, 67.5583

57.7498, 59.2928, 63.4420

Square

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

55.3610, 59.2928, 67.5583

57.3935, 59.2928, 67.4690

57.3629, 59.2928, 61.6513

55.3311, 59.2928, 61.7354

Rectangle

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

55.3610, 59.2928, 67.5583

56.5027, 59.2928, 68.7412

57.3629, 59.2928, 61.6513

56.2096, 59.2928, 60.5514

Sweetspot

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

55.3627, 59.2953, 67.5596

92.7935, 98.2356, 108.6784

54.9894, 60.2967, 62.0463

19.8853, 21.0450, 23.2640

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.

55.3627, 59.2953, 67.5596

87.3795, 93.9591, 108.1383

54.0089, 56.5877, 67.1083

12.1670, 13.1012, 15.1312

14.5913, 17.8292, 39.8648

0.8766, 1.1185, 2.2493

Inverse Universe

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

56.1476, 56.6564, 65.1061

88.9081, 88.8515, 103.3530

57.1287, 60.2972, 60.2582

12.3941, 12.3443, 14.4201

19.9958, 9.8711, 20.6816

1.1487, 0.5642, 1.3180

Previews

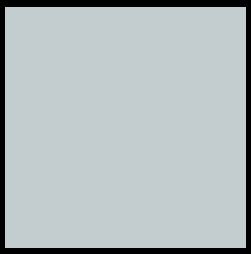
White Background

This preview shows how the XYZ color 55.3610, 59.2928, 67.5583 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



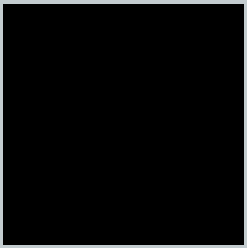
This preview shows how the XYZ color 55.3610, 59.2928, 67.5583 looks on a black background.

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 55.3610, 59.2928, 67.5583 Background



This preview shows how black text looks on a background with the XYZ color 55.3610, 59.2928, 67.5583.

This preview shows how white text looks on a background with the XYZ color 55.3610, 59.2928,

67.5583.

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
55.3610, 59.2928, 67.5583

Protanopia
57.0829, 59.1602, 66.1681

Deuteranopia
60.4620, 59.1434, 68.5507

Tritanopia
56.8014, 59.1733, 74.7575

Trichromacy

Original Color
55.3610, 59.2928, 67.5583

Protanomaly
56.3485, 59.1148, 66.8329

Deuteranomaly
58.3869, 59.1026, 68.0051

Tritanomaly
56.2585, 59.3027, 72.0997

Monochromacy

Original Color
55.3610, 59.2928, 67.5583

Achromatopsia
56.1383, 59.0619, 64.3184

Achromatomaly
55.8082, 59.2136, 65.6147

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.3610, 59.2928, 67.5583 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(195, 204, 207) looks like.

```
.text, #text, p{
    color:rgb(195, 204, 207)
}
```

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(195, 204, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 204, 207) }
```

Border

The CSS property to change the border of an element to XYZ 55.3610, 59.2928, 67.5583 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(195, 204, 207) }
```

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

```
.border{ border-color:rgb(195, 204, 207) }
```

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

Here you see how a box with a 4 pixel rgb(195, 204, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 204, 207); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 204, 207); box-shadow:4px 4px 4px 4px rgb(195, 204, 207) }
```

Background

The CSS property to change the background color of an element to XYZ 55.3610, 59.2928, 67.5583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(195, 204, 207) }
```

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

```
.background{ background-color:rgb(195,
204, 207) }
```

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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