

Converting Colors

XYZ(55.8330, 59.2803, 71.7463)

Have a look what the booklet for
XYZ(55.8330, 59.2803, 71.7463)
contains.

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Color

**XYZ(55.8512, 59.4592,
71.4839)**

Conversions

Conversions Part 1

Format	Color
Hex	C2CCD5
RGB	194, 204, 213
RGB Percent	76%, 80%, 84%
CMY	0.2392, 0.2000, 0.1647
CMYK	0.09, 0.04, 0.00, 0.16
HSL	208°, 18%, 80%
HSV	208°, 9%, 84%
XYZ	55.8512, 59.4592, 71.4839
YIQ	202.0360, -8.8490, 0.6790

Conversions

Conversions Part 2

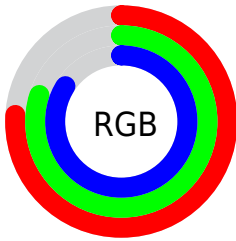
Format	Color
RYB	194, 201, 213
Decimal	12766421
CIELab	81.54, -1.65, -5.65
CIELCh	82, 5.883, 253.707
Yxy	59.4592, 0.2990, 0.3183
Android (android.graphics.Color)	4290956501 (0xFFC2CCD5)
YUV	202.0360, 5.4053, -7.0476
Hunter-Lab	77.1098, -5.6532, -0.9874

Details

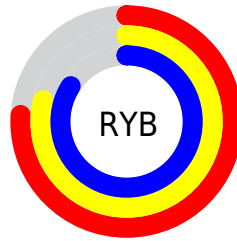
The XYZ color **55.8512, 59.4592, 71.4839** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.5342, 60.7524, 59.6811**, and the grayscale version is **56.1342, 59.0576, 64.3137**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **27.8931, 29.8568, 36.6406** is the 20% darker color. If you saturate the color by 10%, you get **48.4518, 52.2019, 70.4740**, and if you desaturate by 10%, it is **64.1929, 67.4359, 72.5848**.

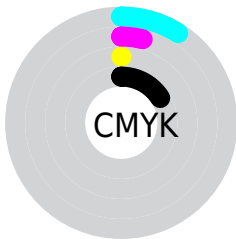
Distribution



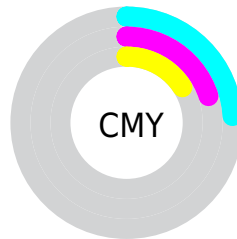
- Red (76%)
- Green (80%)
- Blue (84%)



- Red (76%)
- Yellow (79%)
- Blue (84%)



- Cyan (9%)
- Magenta (4%)
- Yellow (0%)
- Black (16%)



- Cyan (24%)
- Magenta (20%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.8512, 59.4592, 71.4839 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 55.8512, 59.4592, 71.4839 by changing the saturation by 10% instead.

■ 55.8512, 59.4592,
71.4839

■ 55.8512, 59.4592,
71.4839

399.2146,
422.6015, 484.6724

■ 40.3202, 42.9829,
52.2529

■ 97.9281, 104.0448,
123.0234

■ 27.9736, 29.8717,
36.8231

125.2046,
132.9228, 156.1690

■ 18.4461, 19.7412,
24.7758

157.1270,
166.7035, 194.7898

■ 11.3724, 12.2071,
15.6926

194.0606,
205.7714, 239.3045

■ 6.3870, 6.8849,
9.1549

236.3709,
250.5107, 290.1316

■ 3.1247, 3.3902,
4.7442

284.4230,

■ 1.2200, 1.3387,

301.3059, 347.6896

2.0419

338.5825,
358.5414, 412.3970

■ 0.1221, 0.1709,
0.5808

■ 0.0000, 0.0000,
0.0000

■ 55.8512, 59.4592,
71.4839

■ 55.8512, 59.4592,
71.4839

■ 48.4518, 52.2019,
70.4740

■ 64.1929, 67.4359,
72.5848

■ 41.9534, 45.6337,
69.5487

■ 73.5057, 76.1463,
73.7753

■ 36.3192, 39.7326,
68.7067

■ 82.7479, 85.0591,
75.0085

■ 31.5076, 34.4728,
67.9450

■ 85.7059, 90.9751,
75.9945

■ 27.4736, 29.8261,
67.2607

■ 88.8300, 97.2233,
77.0359

■ 24.1669, 25.7618,
66.6505

■ 89.0104, 97.5842,
77.0960

■ 21.5313, 22.2458,
66.1108

■ 19.5002, 19.2386,
65.6374

■ 17.9704, 16.6813,
65.2244

Harmonies

Analogous

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



54.8165, 59.4592, 69.5500



55.8512, 59.4592, 71.4839



57.0782, 59.4592, 71.5687

Triad

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



55.8512, 59.4592, 71.4839



58.8505, 59.4592, 63.1443



54.8907, 59.4592, 59.9525

Complementary

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



55.8512, 59.4592, 71.4839



58.5342, 60.7524, 59.6811

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.



55.9539, 59.4592, 58.3619



55.8512, 59.4592, 71.4839



58.2466, 59.4592, 60.1588

Square

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



55.8512, 59.4592, 71.4839



58.8220, 59.4592, 66.6659



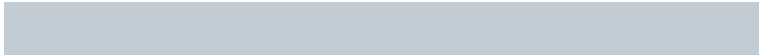
57.1824, 59.4592, 58.4360



54.2675, 59.4592, 62.8534

Rectangle

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



55.8512, 59.4592, 71.4839



57.8410, 59.4592, 70.5592



57.1824, 59.4592, 58.4360



55.2078, 59.4592, 59.2517

Sweetspot

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



55.8529, 59.4617, 71.4852



91.1466, 96.2884, 108.3893



56.8069, 63.3642, 65.6540



19.2906, 20.4010, 23.1710



0.0000, 0.0000, 0.0000



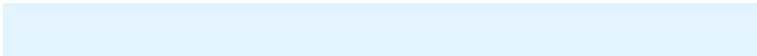
20.3446, 21.4041, 23.3091

Same Dimension

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



55.8529, 59.4617, 71.4852



81.3811, 86.8794, 107.0879



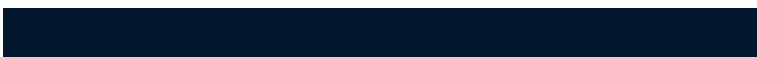
53.6923, 55.1404, 70.7650



12.2783, 13.0800, 15.8151



10.9885, 10.2387, 39.8503



0.7454, 0.7828, 2.4311

Inverse Universe

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



57.6327, 57.0904, 65.1117



84.6801, 82.5647, 95.2561



60.8143, 65.3127, 60.4411



12.6937, 12.5290, 14.3272



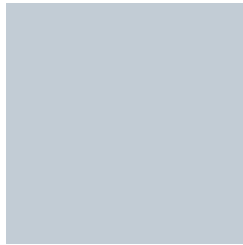
18.6053, 9.3784, 10.4916



1.1639, 0.5823, 0.8524

Previews

White Background



This preview shows how the XYZ color 55.8512, 59.4592, 71.4839 looks on a white background.

Color Contrast Check

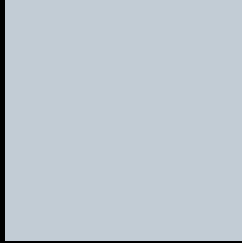
Large Text (above 18pt) WCAG AA × Fail

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 55.8512, 59.4592, 71.4839 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

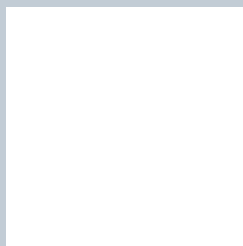
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.8512, 59.4592, 71.4839

Background



This preview shows how black text looks on a background with the XYZ color 55.8512, 59.4592, 71.4839.



This preview shows how white text looks on a background with the XYZ color 55.8512, 59.4592,

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

55.8512, 59.4592, 71.4839

Protanopia

57.2731, 59.1729, 70.0309

Deuteranopia

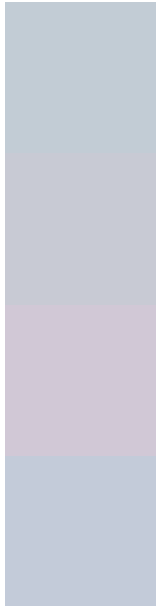
60.8473, 59.5905, 72.5851



Tritanopia

56.6478, 59.4284, 75.5030

Trichromacy



Original Color

55.8512, 59.4592, 71.4839

Protanomaly

56.8236, 59.2739, 70.7334

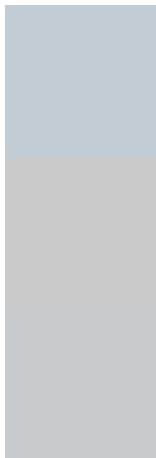
Deuteranomaly

59.0864, 59.7189, 72.0310

Tritanomaly

56.3860, 59.3237, 74.1244

Monochromacy



Original Color

55.8512, 59.4592, 71.4839

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.0497, 59.3102, 66.8864

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.8512, 59.4592, 71.4839 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(194, 204, 213)` looks like.

```
.text, #text, p{  
    color:rgb(194, 204, 213)  
}
```

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(194, 204, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 204, 213) }
```

Border

The CSS property to change the border of an element to XYZ 55.8512, 59.4592, 71.4839 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(194, 204, 213) }
```


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

```
.border{ border-color:rgb(194, 204, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 204, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 204, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 204, 213);  
box-shadow:4px 4px 4px 4px rgb(194, 204,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 55.8512, 59.4592, 71.4839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 204, 213) }
```

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

```
.background{ background-color: rgb(194,  
204, 213) }
```

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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