

Converting Colors

XYZ(55.5000, 59.0617, 72.0943)

Have a look what the booklet for
XYZ(55.5000, 59.0617, 72.0943)
contains.

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Color

**XYZ(55.4859, 58.9044,
72.0636)**

Conversions

Conversions Part 1

Format	Color
Hex	C1CBD6
RGB	193, 203, 214
RGB Percent	76%, 80%, 84%
CMY	0.2431, 0.2039, 0.1608
CMYK	0.10, 0.05, 0.00, 0.16
HSL	211°, 20%, 80%
HSV	211°, 10%, 84%
XYZ	55.4859, 58.9044, 72.0636
YIQ	201.2640, -9.4910, 1.3010

Conversions

Conversions Part 2

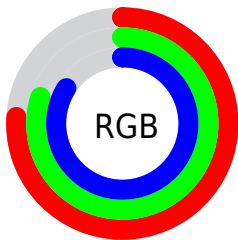
Format	Color
R _Y B	193, 200, 214
Decimal	12700630
CIE Lab	81.24, -1.25, -6.64
CIE LCh	81, 6.758, 259.307
Yxy	58.9044, 0.2976, 0.3159
Android (android.graphics.Color)	4290890710 (0xFFC1CBD6)
YUV	201.2640, 6.2788, -7.2475
Hunter-Lab	76.7492, -5.2644, -1.9459

Details

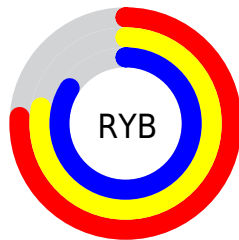
The XYZ color **55.4859, 58.9044, 72.0636** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.9504, 61.3318, 59.1844**, and the grayscale version is **55.6490, 58.5471, 63.7578**.

A 20% lighter version of the original color is **93.2343, 99.0640, 108.8150**, and **27.6529, 29.4871, 37.0350** is the 20% darker color. If you saturate the color by 10%, you get **47.8691, 51.1914, 70.9772**, and if you desaturate by 10%, it is **64.0869, 67.4120, 73.2533**.

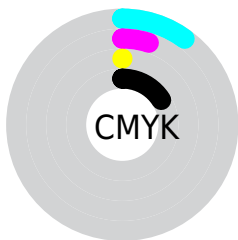
Distribution



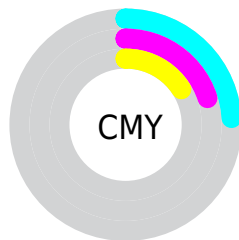
- Red (76%)
- Green (80%)
- Blue (84%)



- Red (76%)
- Yellow (78%)
- Blue (84%)



- Cyan (10%)
- Magenta (5%)
- Yellow (0%)
- Black (16%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.4859, 58.9044, 72.0636 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 55.4859, 58.9044, 72.0636 by changing the saturation by 10% instead.

■ 55.4859, 58.9044,
72.0636

■ 55.4859, 58.9044,
72.0636

397.8577,
420.5475, 486.7464

■ 40.0263, 42.5362,
52.7235

■ 97.3967, 103.2387,
123.8555

■ 27.7433, 29.5214,
37.1959

124.5786,
131.9736, 157.1444

■ 18.2717, 19.4756,
25.0622

156.3985,
165.5994, 195.9199

■ 11.2461, 12.0144,
15.9040

193.2220,
204.5007, 240.6006

■ 6.3011, 6.7535,
9.3026

235.4143,
249.0617, 291.6051

■ 3.0714, 3.3084,
4.8396

283.3408,

■ 1.1917, 1.2948,

299.6670, 349.3519

2.0964

337.3668,
356.7008, 414.2595

■ 0.0998, 0.1372,
0.6136

■ 0.0000, 0.0000,
0.0000

■ 55.4859, 58.9044,
72.0636

■ 55.4859, 58.9044,
72.0636

■ 47.8691, 51.1914,
70.9772

■ 64.0869, 67.4120,
73.2533

■ 41.1935, 44.2401,
69.9873

■ 73.7025, 76.7308,
74.5452

■ 35.4206, 38.0260,
69.0921

■ 83.5533, 86.4662,
75.9052

■ 30.5068, 32.5204,
68.2884

■ 86.8933, 93.1461,
77.0185

■ 26.4049, 27.6922,
67.5727

■ 89.1378, 97.6351,
77.7667

■ 23.0625, 23.5075,
66.9411

■ 20.4203, 19.9287,
66.3896

■ 18.4087, 16.9123,
65.9134

■ 16.9084, 14.3890,
65.5054

Harmonies

Analogous

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



54.2397, 58.9044, 70.1988



55.4859, 58.9044, 72.0636



56.8870, 58.9044, 71.7382

Triad

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



55.4859, 58.9044, 72.0636



58.5817, 58.9044, 61.6067



53.9586, 58.9044, 59.2119

Complementary

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



55.4859, 58.9044, 72.0636



58.9504, 61.3318, 59.1844

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.



55.0963, 58.9044, 57.0924



55.4859, 58.9044, 72.0636



57.7711, 58.9044, 58.4344

Square

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



55.4859, 58.9044, 72.0636



58.6902, 58.9044, 65.5867



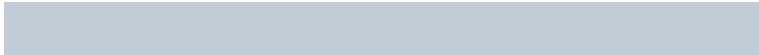
56.4908, 58.9044, 56.8138



53.3678, 58.9044, 62.7086

Rectangle

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



55.4859, 58.9044, 72.0636



57.7199, 58.9044, 70.3270



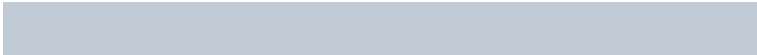
56.4908, 58.9044, 56.8138



54.2889, 58.9044, 58.3211

Sweetspot

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



55.4876, 58.9069, 72.0649



91.0266, 96.0484, 108.3493



56.9210, 63.7841, 66.3450



19.2583, 20.3363, 23.1602



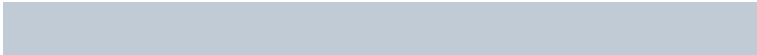
0.0000, 0.0000, 0.0000



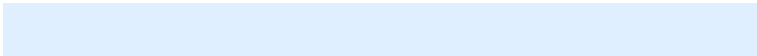
20.3446, 21.4041, 23.3091

Same Dimension

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



55.4876, 58.9069, 72.0649



79.7740, 84.8501, 106.7809



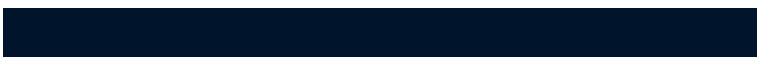
53.2903, 54.3797, 71.3069



12.2257, 12.9747, 15.7975



10.3072, 8.8762, 39.6232



0.7043, 0.7005, 2.4174

Inverse Universe

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



57.5824, 56.7492, 64.4216



83.5797, 81.0171, 92.8753



61.3027, 66.1879, 59.9978



12.6671, 12.5183, 14.1872



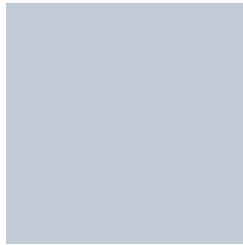
18.2615, 9.2409, 8.6809



1.1431, 0.5740, 0.7431

Previews

White Background



This preview shows how the XYZ color 55.4859, 58.9044, 72.0636 looks on a white background.

Color Contrast Check

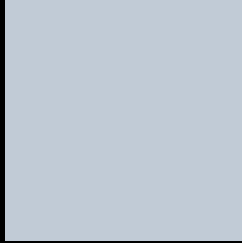
Large Text (above 18pt) WCAG AA × Fail

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 55.4859, 58.9044, 72.0636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

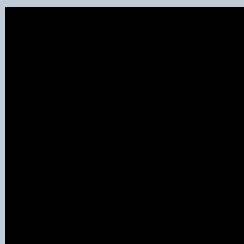
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

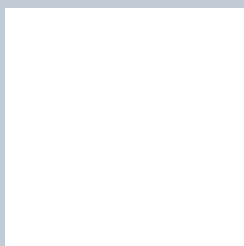
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.4859, 58.9044, 72.0636

Background



This preview shows how black text looks on a background with the XYZ color 55.4859, 58.9044, 72.0636.

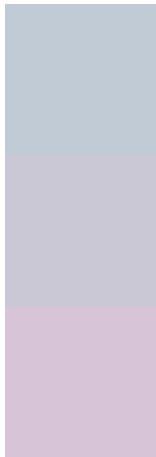


This preview shows how white text looks on a background with the XYZ color 55.4859, 58.9044,

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

55.4859, 58.9044, 72.0636

Protanopia

56.8951, 58.6186, 70.6032

Deuteranopia

60.0300, 58.8332, 72.4820



Tritanopia

56.0236, 58.7723, 74.7211

Trichromacy



Original Color

55.4859, 58.9044, 72.0636

Protanomaly

56.4501, 58.7195, 71.3095

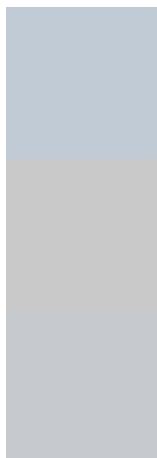
Deuteranomaly

58.4213, 59.0185, 72.6026

Tritanomaly

55.8930, 58.7201, 74.0339

Monochromacy



Original Color

55.4859, 58.9044, 72.0636

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.5498, 58.7031, 66.7956

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4859, 58.9044, 72.0636 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(193, 203, 214) looks like.

```
.text, #text, p{  
    color:rgb(193, 203, 214)  
}
```

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(193, 203, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 203, 214) }
```

Border

The CSS property to change the border of an element to XYZ 55.4859, 58.9044, 72.0636 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(193, 203, 214) }
```


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

```
.border{ border-color:rgb(193, 203, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 203, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 203, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 203, 214);  
box-shadow:4px 4px 4px 4px rgb(193, 203,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4859, 58.9044, 72.0636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 203, 214) }
```

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

```
.background{ background-color: rgb(193,  
203, 214) }
```

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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