

Converting Colors

XYZ(55.8293, 59.4158, 72.9314)

Have a look what the booklet for
XYZ(55.8293, 59.4158, 72.9314)
contains.

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Color

**XYZ(55.8509, 59.4295,
72.8174)**

Conversions

Conversions Part 1

Format	Color
Hex	C1CCD7
RGB	193, 204, 215
RGB Percent	76%, 80%, 84%
CMY	0.2431, 0.2000, 0.1569
CMYK	0.10, 0.05, 0.00, 0.16
HSL	210°, 22%, 80%
HSV	210°, 10%, 84%
XYZ	55.8509, 59.4295, 72.8174
YIQ	201.9650, -10.0870, 1.0890

Conversions

Conversions Part 2

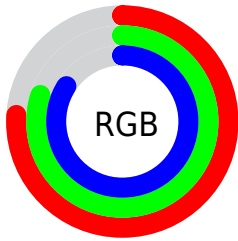
Format	Color
R _Y B	193, 200, 215
Decimal	12700887
CIE Lab	81.53, -1.58, -6.75
CIE LCh	82, 6.932, 256.814
Yxy	59.4295, 0.2969, 0.3160
Android (android.graphics.Color)	4290890967 (0xFFC1CCD7)
YUV	201.9650, 6.4263, -7.8623
Hunter-Lab	77.0905, -5.5879, -2.0402

Details

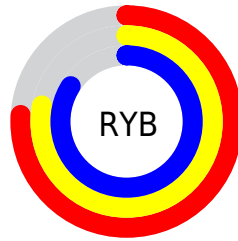
The XYZ color **55.8509, 59.4295, 72.8174** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.2431, 61.4826, 59.1979**, and the grayscale version is **56.0843, 59.0051, 64.2565**.

A 20% lighter version of the original color is **93.2343, 99.0640, 108.8150**, and **27.8990, 29.8397, 37.5469** is the 20% darker color. If you saturate the color by 10%, you get **48.2969, 51.8747, 71.7582**, and if you desaturate by 10%, it is **64.3814, 67.7526, 73.9752**.

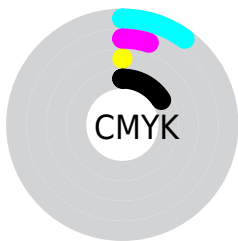
Distribution



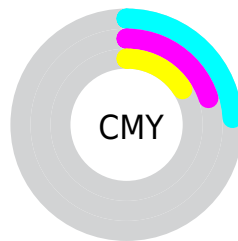
- Red (76%)
- Green (80%)
- Blue (84%)



- 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 55.8509, 59.4295, 72.8174 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 55.8509, 59.4295, 72.8174 by changing the saturation by 10% instead.

■ 55.8509, 59.4295,
72.8174

■ 55.8509, 59.4295,
72.8174

399.2135,
422.4917, 489.4355

■ 40.3199, 42.9590,
53.3358

■ 97.9276, 104.0016,
124.9365

■ 27.9734, 29.8529,
37.6813

125.2041,
132.8720, 158.4110

■ 18.4460, 19.7270,
25.4355

157.1264,
166.6445, 197.3868

■ 11.3723, 12.1967,
16.1799

194.0599,
205.7034, 242.2826

■ 6.3869, 6.8778,
9.4958

236.3701,
250.4332, 293.5168

■ 3.1246, 3.3858,
4.9648

284.4221,

■ 1.2200, 1.3363,

301.2183, 351.5080

2.1682

338.5815,
358.4430, 416.6747

■ 0.1221, 0.1691,
0.6559

■ 0.0000, 0.0000,
0.0000

■ 55.8509, 59.4295,
72.8174

■ 55.8509, 59.4295,
72.8174

■ 48.2969, 51.8747,
71.7582

■ 64.3814, 67.7526,
73.9752

■ 41.6766, 45.0560,
70.7910

■ 73.9189, 76.8600,
75.2305

■ 35.9512, 38.9497,
69.9142

■ 83.5722, 86.2988,
76.5436

■ 31.0772, 33.5278,
69.1245

■ 86.7644, 92.6834,
77.6077

■ 27.0073, 28.7601,
68.4188

■ 89.2659, 97.6864,
78.4415

■ 23.6888, 24.6134,
67.7933

■ 21.0621, 21.0507,
67.2440

■ 19.0570, 18.0294,
66.7666

■ 17.5792, 15.5329,
66.3626

Harmonies

Analogous

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



54.5951, 59.4295, 70.7209



55.8509, 59.4295, 72.8174



57.2981, 59.4295, 72.6757

Triad

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



55.8509, 59.4295, 72.8174



59.2033, 59.4295, 62.4212



54.4729, 59.4295, 59.3847

Complementary

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



55.8509, 59.4295, 72.8174



59.2431, 61.4826, 59.1979

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.



55.6815, 59.4295, 57.3462



55.8509, 59.4295, 72.8174



58.4200, 59.4295, 59.0471

Square

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



55.8509, 59.4295, 72.8174



59.2506, 59.4295, 66.5515



57.1258, 59.4295, 57.2253



53.8087, 59.4295, 62.9001

Rectangle

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



55.8509, 59.4295, 72.8174



58.1770, 59.4295, 71.3294



57.1258, 59.4295, 57.2253



54.8280, 59.4295, 58.5108

Sweetspot

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



55.8526, 59.4320, 72.8187



91.0835, 96.1623, 108.3683



57.1489, 64.2814, 66.2929



19.2736, 20.3670, 23.1653



0.0000, 0.0000, 0.0000



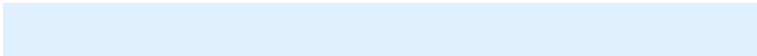
20.3446, 21.4041, 23.3091

Same Dimension

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



55.8526, 59.4320, 72.8187



79.9877, 85.2775, 106.8521



53.4101, 54.5470, 72.0046



12.2506, 13.0246, 15.8058



10.6204, 9.5025, 39.7276



0.7233, 0.7387, 2.4238

Inverse Universe

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



57.9947, 56.9478, 65.0651



83.6876, 81.0603, 93.4434



61.8581, 66.7127, 60.0696



12.6797, 12.5234, 14.2535



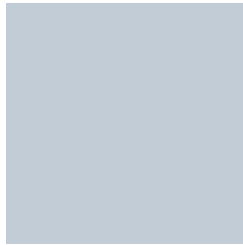
18.4195, 9.3041, 9.5133



1.1528, 0.5779, 0.7938

Previews

White Background



This preview shows how the XYZ color 55.8509, 59.4295, 72.8174 looks on a white background.

Color Contrast Check

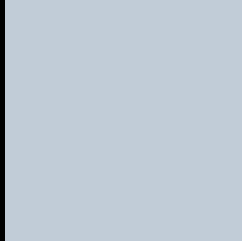
Large Text (above 18pt) WCAG AA × Fail

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 55.8509, 59.4295, 72.8174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

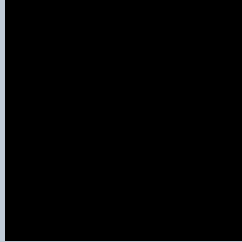
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

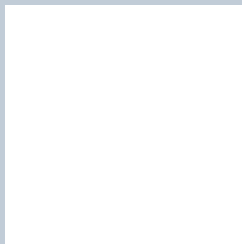
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.8509, 59.4295, 72.8174

Background



This preview shows how black text looks on a background with the XYZ color 55.8509, 59.4295, 72.8174.

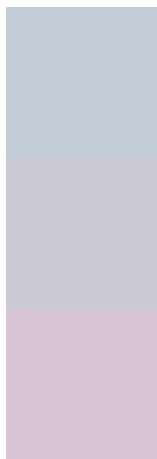


This preview shows how white text looks on a background with the XYZ color 55.8509, 59.4295,

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

55.8509, 59.4295, 72.8174

Protanopia

57.5255, 59.2739, 71.3599

Deuteranopia

60.6798, 59.4893, 73.2502



Tritanopia

56.3903, 59.2957, 75.4910

Trichromacy



Original Color

55.8509, 59.4295, 72.8174

Protanomaly

56.8113, 59.2382, 72.0582

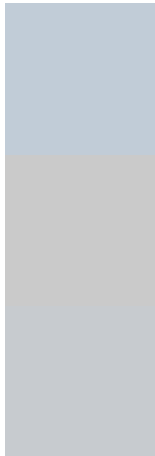
Deuteranomaly

59.0614, 59.6763, 73.3716

Tritanomaly

56.2590, 59.2432, 74.7996

Monochromacy



Original Color

55.8509, 59.4295, 72.8174

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.1716, 59.3590, 67.5284

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.8509, 59.4295, 72.8174 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, 204, 215)` looks like.

```
.text, #text, p{  
    color:rgb(193, 204, 215)  
}
```

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, 204, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 204, 215) }
```

Border

The CSS property to change the border of an element to XYZ 55.8509, 59.4295, 72.8174 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, 204, 215) }
```


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

```
.border{ border-color:rgb(193, 204, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 204, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 204, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 204, 215);  
box-shadow:4px 4px 4px 4px rgb(193, 204,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 55.8509, 59.4295, 72.8174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 204, 215) }
```

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

```
.background{ background-color: rgb(193,  
204, 215) }
```

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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