

Converting Colors

XYZ(55.3044, 59.2556, 72.4346)

Have a look what the booklet for
XYZ(55.3044, 59.2556, 72.4346)
contains.

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Color

**XYZ(55.2163, 59.1171,
72.1189)**

Conversions

Conversions Part 1

Format	Color
Hex	BFCCD6
RGB	191, 204, 214
RGB Percent	75%, 80%, 84%
CMY	0.2510, 0.2000, 0.1608
CMYK	0.11, 0.05, 0.00, 0.16
HSL	206°, 22%, 79%
HSV	206°, 11%, 84%
XYZ	55.2163, 59.1171, 72.1189
YIQ	201.2530, -10.9580, 0.3540

Conversions

Conversions Part 2

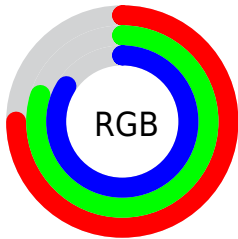
Format	Color
R _Y B	191, 199, 214
Decimal	12569814
CIE Lab	81.36, -2.44, -6.48
CIE LCh	81, 6.926, 249.410
Yxy	59.1171, 0.2961, 0.3171
Android (android.graphics.Color)	4290759894 (0xFFBFCCD6)
YUV	201.2530, 6.2843, -8.9919
Hunter-Lab	76.8876, -6.3649, -1.7913

Details

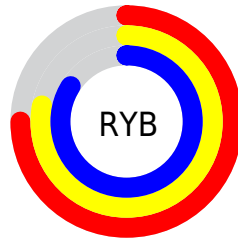
The XYZ color **55.2163, 59.1171, 72.1189** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.0225, 59.8307, 57.7816**, and the grayscale version is **55.6427, 58.5405, 63.7506**.

A 20% lighter version of the original color is **92.1678, 98.5142, 108.7651**, and **27.4809, 29.6343, 37.0725** is the 20% darker color. If you saturate the color by 10%, you get **48.0779, 52.2540, 71.1713**, and if you desaturate by 10%, it is **63.2765, 66.6547, 73.1499**.

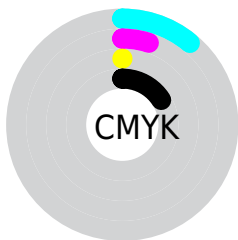
Distribution



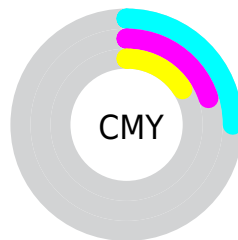
- Red (75%)
- Green (80%)
- Blue (84%)



- Red (75%)
- Yellow (78%)
- Blue (84%)



- Cyan (11%)
- Magenta (5%)
- Yellow (0%)
- Black (16%)



- Cyan (25%)
- Magenta (20%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.2163, 59.1171, 72.1189 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 55.2163, 59.1171, 72.1189 by changing the saturation by 10% instead.

■ 55.2163, 59.1171,
72.1189

■ 55.2163, 59.1171,
72.1189

396.8544,
421.3357, 486.9440

■ 39.8095, 42.7074,
52.7684

■ 97.0043, 103.5478,
123.9349

■ 27.5736, 29.6556,
37.2314

124.1161,
132.3377, 157.2374

■ 18.1433, 19.5773,
25.0895

155.8603,
166.0230, 196.0276

■ 11.1532, 12.0882,
15.9242

192.6023,
204.9882, 240.7242

■ 6.2380, 6.8038,
9.3167

234.7073,
249.6176, 291.7455

■ 3.0324, 3.3397,
4.8487

282.5407,

■ 1.1709, 1.3115,

300.2958, 349.5103

2.1016

336.4680,
357.4070, 414.4369

■ 0.0832, 0.1501,
0.6167

■ 0.0000, 0.0000,
0.0000

■ 55.2163, 59.1171,
72.1189

■ 55.2163, 59.1171,
72.1189

■ 48.0779, 52.2540,
71.1713

■ 63.2765, 66.6547,
73.1499

■ 41.8200, 46.0358,
70.3009

■ 72.2876, 74.8801,
74.2626

■ 36.4054, 40.4415,
69.5065

■ 82.2090, 83.7775,
75.4571

■ 31.7924, 35.4461,
68.7854

■ 84.8957, 89.1509,
76.3527

■ 27.9351, 31.0221,
68.1348

■ 87.7230, 94.8056,
77.2951

■ 24.7827, 27.1396,
67.5516

■ 89.1378, 97.6351,
77.7667

■ 22.2773, 23.7648,
67.0322

■ 20.3505, 20.8584,
66.5728

■ 18.9732, 18.5260,
66.1952

Harmonies

Analogous

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



54.0668, 59.1171, 69.5605



55.2163, 59.1171, 72.1189



56.6451, 59.1171, 72.5532

Triad

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



55.2163, 59.1171, 72.1189



58.9786, 59.1171, 63.0746



54.4412, 59.1171, 58.4067

Complementary

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



55.2163, 59.1171, 72.1189



58.0225, 59.8307, 57.7816

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.



55.7354, 59.1171, 56.8237



55.2163, 59.1171, 72.1189



58.3660, 59.1171, 59.4415

Square

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



55.2163, 59.1171, 72.1189



58.8338, 59.1171, 67.2114



57.1731, 59.1171, 57.1942



53.6247, 59.1171, 61.6069

Rectangle

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



55.2163, 59.1171, 72.1189



57.5663, 59.1171, 71.5618



57.1731, 59.1171, 57.1942



54.8339, 59.1171, 57.6741

Sweetspot

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



55.2180, 59.1196, 72.1202



91.2397, 96.4746, 108.4204



56.0721, 63.3860, 64.5182



19.3158, 20.4513, 23.1794



0.0000, 0.0000, 0.0000



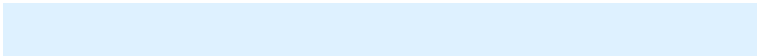
20.3446, 21.4041, 23.3091

Same Dimension

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



55.2180, 59.1196, 72.1202



79.4627, 85.3947, 106.9024



52.5914, 53.8664, 71.2447



12.3193, 13.1621, 15.8288



11.5732, 11.4082, 40.0452



0.7797, 0.8514, 2.4426

Inverse Universe

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



57.2628, 55.9186, 64.9049



83.1376, 79.7494, 93.9106



60.7968, 65.3794, 58.7064



12.7144, 12.5372, 14.4362



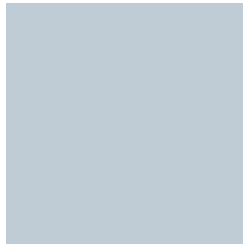
18.9005, 9.4965, 12.0459



1.1812, 0.5893, 0.9436

Previews

White Background



This preview shows how the XYZ color 55.2163, 59.1171, 72.1189 looks on a white background.

Color Contrast Check

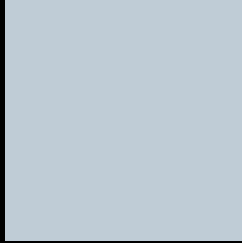
Large Text (above 18pt) WCAG AA × Fail

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 55.2163, 59.1171, 72.1189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

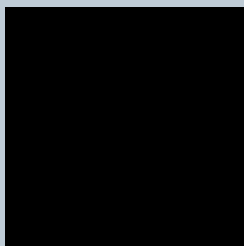
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

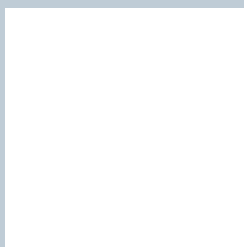
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.2163, 59.1171, 72.1189

Background



This preview shows how black text looks on a background with the XYZ color 55.2163, 59.1171, 72.1189.

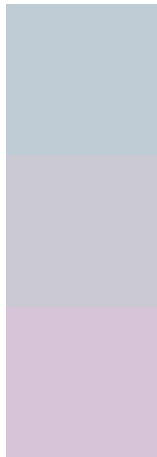


This preview shows how white text looks on a background with the XYZ color 55.2163, 59.1171,

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

55.2163, 59.1171, 72.1189

Protanopia

57.3989, 59.2233, 70.6933

Deuteranopia

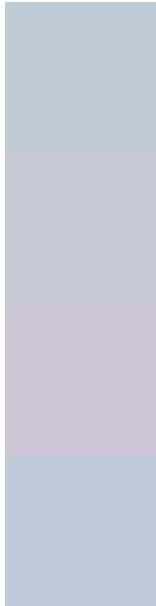
60.1589, 58.8848, 73.1609



Tritanopia

55.8803, 59.0328, 75.4671

Trichromacy



Original Color

55.2163, 59.1171, 72.1189

Protanomaly

56.6840, 59.1873, 71.3875

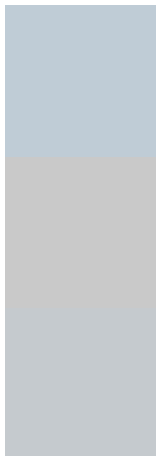
Deuteranomaly

58.1428, 58.8750, 72.5895

Tritanomaly

55.6185, 58.9281, 74.0885

Monochromacy



Original Color

55.2163, 59.1171, 72.1189

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.2871, 58.5676, 66.7833

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.2163, 59.1171, 72.1189 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(191, 204, 214) looks like.

```
.text, #text, p{  
    color:rgb(191, 204, 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(191, 204, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 204, 214) }
```

Border

The CSS property to change the border of an element to XYZ 55.2163, 59.1171, 72.1189 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(191, 204, 214) }
```


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

```
.border{ border-color:rgb(191, 204, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 204, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 204, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 204, 214);  
box-shadow:4px 4px 4px 4px rgb(191, 204,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 55.2163, 59.1171, 72.1189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 204, 214) }
```

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

```
.background{ background-color: rgb(191,  
204, 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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