

Converting Colors

XYZ(55.6296, 58.2771, 74.7652)

Have a look what the booklet for
XYZ(55.6296, 58.2771, 74.7652)
contains.

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Color

**XYZ(55.5339, 58.1727,
74.6312)**

Conversions

Conversions Part 1

Format	Color
Hex	C1C9DA
RGB	193, 201, 218
RGB Percent	76%, 79%, 85%
CMY	0.2431, 0.2117, 0.1451
CMYK	0.11, 0.08, 0.00, 0.15
HSL	221°, 25%, 81%
HSV	221°, 11%, 85%
XYZ	55.5339, 58.1727, 74.6312
YIQ	200.5460, -10.2250, 3.5910

Conversions

Conversions Part 2

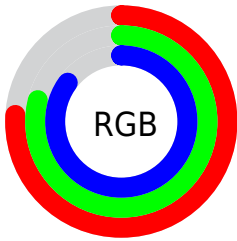
Format	Color
R _Y B	193, 199, 218
Decimal	12700122
CIE Lab	80.83, 0.61, -9.38
CIE LCh	81, 9.403, 273.715
Yxy	58.1727, 0.2949, 0.3089
Android (android.graphics.Color)	4290890202 (0xFFC1C9DA)
YUV	200.5460, 8.6048, -6.6178
Hunter-Lab	76.2710, -3.5062, -4.6255

Details

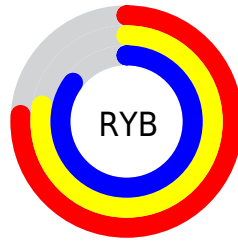
The XYZ color **55.5339, 58.1727, 74.6312** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.5861, 64.8487, 59.7244**, and the grayscale version is **55.1909, 58.0651, 63.2329**.

A 20% lighter version of the original color is **93.2343, 99.0640, 108.8150**, and **27.6920, 29.0007, 38.7885** is the 20% darker color. If you saturate the color by 10%, you get **47.0911, 48.9375, 73.2945**, and if you desaturate by 10%, it is **65.1328, 68.5020, 76.1199**.

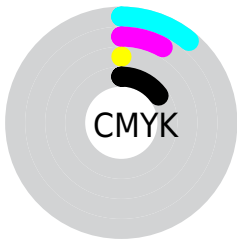
Distribution



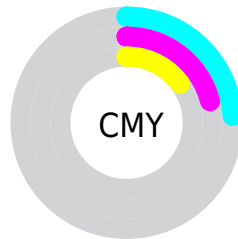
- Red (76%)
- Green (79%)
- Blue (85%)



- Red (76%)
- Yellow (78%)
- Blue (85%)



- Cyan (11%)
- Magenta (8%)
- Yellow (0%)
- Black (15%)



- Cyan (24%)
- Magenta (21%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.5339, 58.1727, 74.6312 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 55.5339, 58.1727, 74.6312 by changing the saturation by 10% instead.

■ 55.5339, 58.1727,
74.6312

■ 55.5339, 58.1727,
74.6312

398.0362,
417.8291, 495.8706

■ 40.0649, 41.9475,
54.8109

■ 97.4665, 102.1743,
127.5325

■ 27.7736, 29.0602,
38.8528

124.6608,
130.7195, 161.4505

■ 18.2946, 19.1264,
26.3383

156.4943,
164.1402, 200.9049

■ 11.2627, 11.7616,
16.8488

193.3323,
202.8207, 246.3141

■ 6.3124, 6.5816,
9.9660

235.5401,
247.1454, 298.0968

■ 3.0784, 3.2018,
5.2711

283.4831,

■ 1.1954, 1.2380,

297.4988, 356.6714

2.3457

337.5267,
354.2653, 422.4564

■ 0.1027, 0.0924,
0.7566

■ 0.0000, 0.0000,
0.0000

■ 55.5339, 58.1727,
74.6312

■ 55.5339, 58.1727,
74.6312

■ 47.0911, 48.9375,
73.2945

■ 65.1328, 68.5020,
76.1199

■ 39.7541, 40.7517,
72.1012

■ 75.9250, 79.9533,
77.7615

■ 33.4765, 33.5786,
71.0475

■ 86.6899, 91.9116,
79.5023

■ 28.2063, 27.3760,
70.1281

■ 89.6551, 97.8420,
80.4907

■ 23.8872, 22.0986,
69.3371

■ 20.4566, 17.6972,
68.6683

■ 17.8438, 14.1172,
68.1150

■ 15.9657, 11.2961,
67.6695

■ 14.8317, 9.4152,
67.3662

Harmonies

Analogous

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



53.6531, 58.1727, 73.4284



55.5339, 58.1727, 74.6312



57.3916, 58.1727, 72.6658

Triad

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



55.5339, 58.1727, 74.6312



58.4584, 58.1727, 57.5836



52.0082, 58.1727, 58.7182

Complementary

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



55.5339, 58.1727, 74.6312



61.5861, 64.8487, 59.7244

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.



53.2430, 58.1727, 54.8487



55.5339, 58.1727, 74.6312



56.9628, 58.1727, 54.2211

Square

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



55.5339, 58.1727, 74.6312



59.1049, 58.1727, 62.6492



55.0496, 58.1727, 53.2496



51.6456, 58.1727, 64.0362

Rectangle

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



55.5339, 58.1727, 74.6312



58.3587, 58.1727, 69.8871



55.0496, 58.1727, 53.2496



52.3336, 58.1727, 57.2155

Sweetspot

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



55.5356, 58.1751, 74.6325



90.6544, 95.3041, 108.2253



58.6562, 66.1179, 70.4268



19.1580, 20.1357, 23.1268



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.



55.5356, 58.1751, 74.6325



75.8535, 79.3261, 105.9213



54.7957, 55.0960, 74.0772



12.6772, 13.2942, 16.5500



8.9719, 5.8133, 40.3876



0.6577, 0.5295, 2.6420

Inverse Universe

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



58.5274, 57.2638, 63.2294



81.0352, 77.8339, 86.1522



62.3810, 68.2652, 60.3420



13.2269, 13.1199, 14.4564



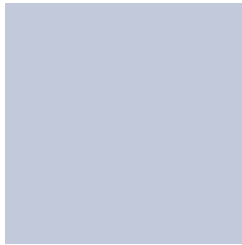
18.0240, 9.2106, 4.5062



1.2063, 0.6121, 0.4951

Previews

White Background



This preview shows how the XYZ color 55.5339, 58.1727, 74.6312 looks on a white background.

Color Contrast Check

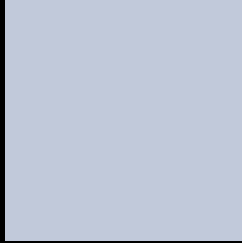
Large Text (above 18pt) WCAG AA × Fail

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 55.5339, 58.1727, 74.6312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

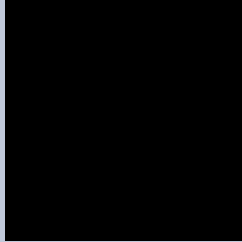
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

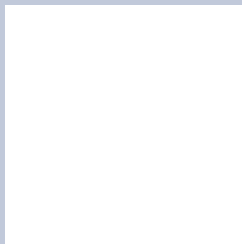
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.5339, 58.1727, 74.6312

Background



This preview shows how black text looks on a background with the XYZ color 55.5339, 58.1727, 74.6312.

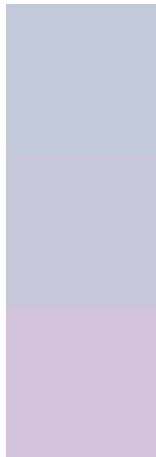


This preview shows how white text looks on a background with the XYZ color 55.5339, 58.1727,

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

55.5339, 58.1727, 74.6312

Protanopia

56.5010, 57.9987, 73.8626

Deuteranopia

59.1653, 57.9936, 75.0934



Tritanopia

55.4033, 58.1205, 73.9439

Trichromacy



Original Color

55.5339, 58.1727, 74.6312

Protanomaly

56.2046, 58.1886, 73.9149

Deuteranomaly

57.6543, 57.8843, 75.1519

Tritanomaly

55.4033, 58.1205, 73.9439

Monochromacy



Original Color

55.5339, 58.1727, 74.6312

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.4378, 58.2840, 67.3595

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5339, 58.1727, 74.6312 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, 201, 218)` looks like.

```
.text, #text, p{  
    color:rgb(193, 201, 218)  
}
```

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, 201, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 201, 218) }
```

Border

The CSS property to change the border of an element to XYZ 55.5339, 58.1727, 74.6312 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, 201, 218) }
```


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

```
.border{ border-color:rgb(193, 201, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 201, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 201, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 201, 218);  
box-shadow:4px 4px 4px 4px rgb(193, 201,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5339, 58.1727, 74.6312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 201, 218) }
```

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

```
.background{ background-color: rgb(193,  
201, 218) }
```

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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