

Converting Colors

XYZ(55.7491, 58.9803, 74.7757)

Have a look what the booklet for
XYZ(55.7491, 58.9803, 74.7757)
contains.

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Color

**XYZ(55.7491, 58.9803,
74.7757)**

Conversions

Conversions Part 1

Format	Color
Hex	C0CBDA
RGB	192, 203, 218
RGB Percent	75%, 80%, 85%
CMY	0.2471, 0.2039, 0.1451
CMYK	0.12, 0.07, 0.00, 0.15
HSL	215°, 26%, 80%
HSV	215°, 12%, 85%
XYZ	55.7491, 58.9803, 74.7757
YIQ	201.4210, -11.3710, 2.3330

Conversions

Conversions Part 2

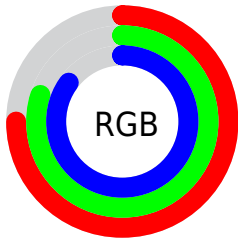
Format	Color
R _Y B	192, 200, 218
Decimal	12635098
CIE Lab	81.28, -0.77, -8.73
CIE LCh	81, 8.762, 264.932
Yxy	58.9803, 0.2942, 0.3112
Android (android.graphics.Color)	4290825178 (0xFFC0CBDA)
YUV	201.4210, 8.1734, -8.2622
Hunter-Lab	76.7986, -4.8222, -3.9692

Details

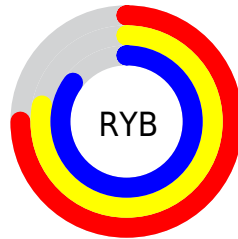
The XYZ color **55.7491, 58.9803, 74.7757** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.7411, 63.3367, 58.8942**, and the grayscale version is **55.7359, 58.6385, 63.8574**.

A 20% lighter version of the original color is **92.8769, 98.8797, 108.7983**, and **27.8395, 29.5425, 38.8853** is the 20% darker color. If you saturate the color by 10%, you get **47.7830, 50.6439, 73.5874**, and if you desaturate by 10%, it is **64.7772, 68.2249, 76.0852**.

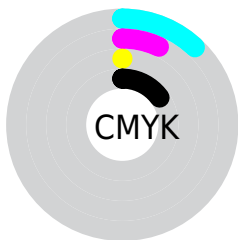
Distribution



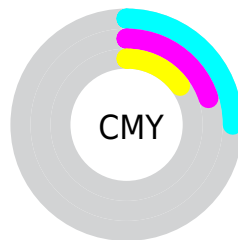
- Red (75%)
- Green (80%)
- Blue (85%)



- Red (75%)
- Yellow (78%)
- Blue (85%)



- Cyan (12%)
- Magenta (7%)
- Yellow (0%)
- Black (15%)



- Cyan (25%)
- Magenta (20%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.7491, 58.9803, 74.7757 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 55.7491, 58.9803, 74.7757 by changing the saturation by 10% instead.

■ 55.7491, 58.9803,
74.7757

■ 55.7491, 58.9803,
74.7757

398.8356,
420.8289, 496.3811

■ 40.2380, 42.5973,
54.9285

■ 97.7796, 103.3490,
127.7390

■ 27.9092, 29.5692,
38.9463

125.0297,
132.1035, 161.6922

■ 18.3973, 19.5119,
26.4104

156.9235,
165.7506, 201.1845

■ 11.3370, 12.0407,
16.9024

193.8264,
204.6747, 246.6344

■ 6.3630, 6.7714,
10.0037

236.1037,
249.2602, 298.4604

■ 3.1098, 3.3196,
5.2958

284.1207,

■ 1.2121, 1.3008,

299.8914, 357.0812

2.3601

338.2429,
356.9529, 422.9153

■ 0.1159, 0.1418,
0.7646

■ 0.0000, 0.0000,
0.0000

■ 55.7491, 58.9803,
74.7757

■ 55.7491, 58.9803,
74.7757

■ 47.7830, 50.6439,
73.5874

■ 64.7772, 68.2249,
76.0852

■ 40.8322, 43.1786,
72.5128

■ 74.9011, 78.3985,
77.5153

■ 34.8540, 36.5550,
71.5494

■ 85.2701, 89.0722,
79.0290

■ 29.8006, 30.7394,
70.6932

■ 89.1163, 96.7644,
80.3111

■ 25.6197, 25.6955,
69.9400

■ 89.6551, 97.8420,
80.4907

■ 22.2533, 21.3832,
69.2851

■ 19.6356, 17.7584,
68.7234

■ 17.6885, 14.7696,
68.2491

■ 16.5042, 12.7603,
67.9237

Harmonies

Analogous

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



54.0640, 58.9803, 72.8145



55.7491, 58.9803, 74.7757



57.5535, 58.9803, 73.7856

Triad

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



55.7491, 58.9803, 74.7757



59.3066, 58.9803, 60.0696



53.2316, 58.9803, 58.6086

Complementary

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



55.7491, 58.9803, 74.7757



60.7411, 63.3367, 58.8942

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.



54.5906, 58.9803, 55.5182



55.7491, 58.9803, 74.7757



58.1025, 58.9803, 56.3290

Square

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



55.7491, 58.9803, 74.7757



59.6330, 58.9803, 65.1128



56.3701, 58.9803, 54.7067



52.6308, 58.9803, 63.3344

Rectangle

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



55.7491, 58.9803, 74.7757



58.5779, 58.9803, 71.6117



56.3701, 58.9803, 54.7067



53.6134, 58.9803, 57.3544

Sweetspot

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



55.7508, 58.9828, 74.7770



89.5481, 94.4199, 108.1129



58.0406, 65.8423, 68.5116



18.9516, 19.9903, 23.1096



0.0000, 0.0000, 0.0000



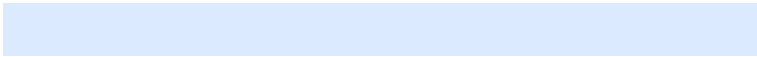
20.3446, 21.4041, 23.3091

Same Dimension

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



55.7508, 58.9828, 74.7770



76.8927, 81.4046, 106.2677



53.6855, 54.1966, 73.9620



12.7893, 13.5184, 16.5874



9.9891, 7.8477, 40.7267



0.7313, 0.6767, 2.6665

Inverse Universe

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



58.5440, 56.9179, 64.4034



81.5598, 78.0437, 88.9145



62.9846, 68.5892, 59.7898



13.2835, 13.1425, 14.7543



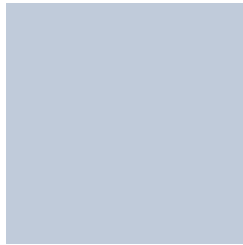
18.5374, 9.4160, 7.2099



1.2434, 0.6270, 0.6907

Previews

White Background



This preview shows how the XYZ color 55.7491, 58.9803, 74.7757 looks on a white background.

Color Contrast Check

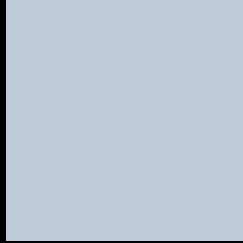
Large Text (above 18pt) WCAG AA × Fail

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 55.7491, 58.9803, 74.7757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

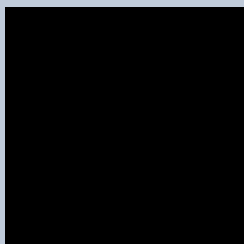
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

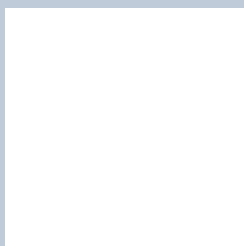
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.7491, 58.9803, 74.7757

Background



This preview shows how black text looks on a background with the XYZ color 55.7491, 58.9803, 74.7757.

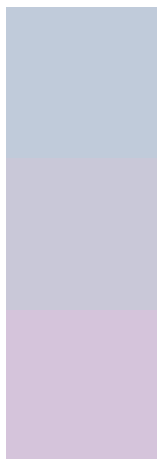


This preview shows how white text looks on a background with the XYZ color 55.7491, 58.9803,

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

55.7491, 58.9803, 74.7757

Protanopia

57.1363, 58.6839, 73.2815

Deuteranopia

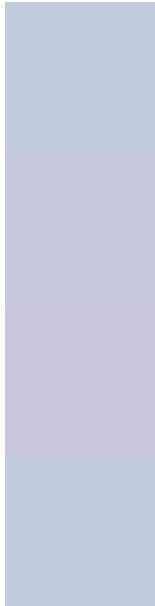
59.9667, 58.7405, 75.1953



Tritanopia

55.8803, 59.0328, 75.4671

Trichromacy



Original Color

55.7491, 58.9803, 74.7757

Protanomaly

56.6997, 58.7888, 74.0046

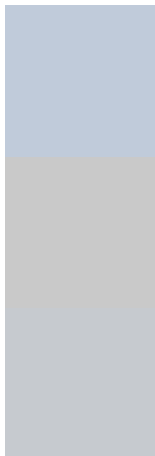
Deuteranomaly

58.3864, 58.9405, 75.3172

Tritanomaly

55.8803, 59.0328, 75.4671

Monochromacy



Original Color

55.7491, 58.9803, 74.7757

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.6717, 58.7518, 67.4375

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7491, 58.9803, 74.7757 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(192, 203, 218)` looks like.

```
.text, #text, p{  
    color:rgb(192, 203, 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(192, 203, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 203, 218) }
```

Border

The CSS property to change the border of an element to XYZ 55.7491, 58.9803, 74.7757 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(192, 203, 218) }
```


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

```
.border{ border-color:rgb(192, 203, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 203, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 203, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 203, 218);  
box-shadow:4px 4px 4px 4px rgb(192, 203,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7491, 58.9803, 74.7757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 203, 218) }
```

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

```
.background{ background-color: rgb(192,  
203, 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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