

Converting Colors

XYZ(59.3718, 63.7404, 74.8195)

Have a look what the booklet for
XYZ(59.3718, 63.7404, 74.8195)
contains.

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Color

**XYZ(59.3718, 63.7404,
74.8195)**

Conversions

Conversions Part 1

Format	Color
Hex	C7D3D9
RGB	199, 211, 217
RGB Percent	78%, 83%, 85%
CMY	0.2196, 0.1725, 0.1490
CMYK	0.08, 0.03, 0.00, 0.15
HSL	200°, 19%, 82%
HSV	200°, 8%, 85%
XYZ	59.3718, 63.7404, 74.8195
YIQ	208.0960, -9.0780, -0.6780

Conversions

Conversions Part 2

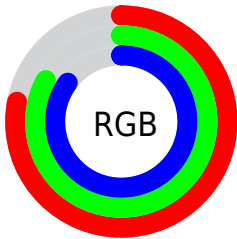
Format	Color
RYB	199, 206, 217
Decimal	13095897
CIELab	83.83, -2.89, -4.37
CIELCh	84, 5.235, 236.522
Yxy	63.7404, 0.3000, 0.3220
Android (android.graphics.Color)	4291285977 (0xFFC7D3D9)
YUV	208.0960, 4.3897, -7.9772
Hunter-Lab	79.8376, -6.9730, 0.3229

Details

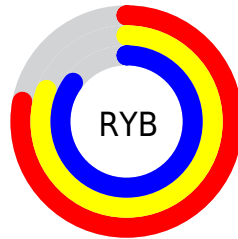
The XYZ color **59.3718, 63.7404, 74.8195** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.7556, 62.5373, 62.9025**, and the grayscale version is **59.9946, 63.1190, 68.7366**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.2556, 32.7423, 38.9077** is the 20% darker color. If you saturate the color by 10%, you get **52.2643, 57.4715, 73.9851**, and if you desaturate by 10%, it is **67.3848, 70.5995, 75.7221**.

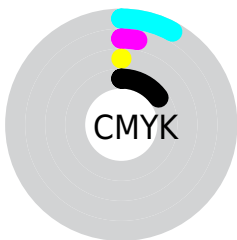
Distribution



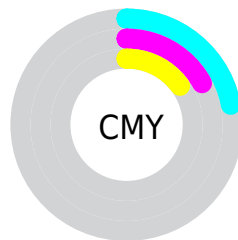
- Red (78%)
- Green (83%)
- Blue (85%)



- Red (78%)
- Yellow (81%)
- Blue (85%)



- Cyan (8%)
- Magenta (3%)
- Yellow (0%)
- Black (15%)



- Cyan (22%)
- Magenta (17%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.3718, 63.7404, 74.8195 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 59.3718, 63.7404, 74.8195 by changing the saturation by 10% instead.

■ 59.3718, 63.7404,
74.8195

■ 59.3718, 63.7404,
74.8195

412.1503,
438.2516, 496.5358

■ 43.1600, 46.4404,
54.9642

103.0294,
110.2370, 127.8016

■ 30.2057, 32.5935,
38.9746

131.2059,
140.2024, 161.7654

■ 20.1437, 21.8152,
26.4323

164.1013,
175.1584, 201.2692

■ 12.6084, 13.7212,
16.9187

202.0811,
215.4895, 246.7314

■ 7.2346, 7.9270,
10.0152

245.5105,
261.5799, 298.5706

■ 3.6569, 4.0483,
5.3033

294.7550,

■ 1.5099, 1.7006,

313.8141, 357.2054

2.3645

350.1798,
372.5766, 423.0543

■ 0.3326, 0.4241,
0.7670

■ 0.0000, 0.0000,
0.0000

■ 59.3718, 63.7404,
74.8195

■ 59.3718, 63.7404,
74.8195

■ 52.2643, 57.4715,
73.9851

■ 67.3848, 70.5995,
75.7221

■ 46.0212, 51.7647,
73.2126

■ 76.3313, 78.0596,
76.6905

■ 40.6062, 46.6017,
72.5014

■ 82.8166, 84.3739,
77.5675

■ 35.9781, 41.9595,
71.8493

■ 84.9017, 88.5442,
78.2625

■ 32.0923, 37.8135,
71.2539

■ 87.0717, 92.8840,
78.9858

■ 28.8989, 34.1362,
70.7124

■ 89.3273, 97.3954,
79.7377

■ 26.3417, 30.8969,
70.2219

■ 89.5246, 97.7898,
79.8035

■ 24.3545, 28.0599,
69.7791

■ 22.8407, 25.5733,
69.3789

Harmonies

Analogous

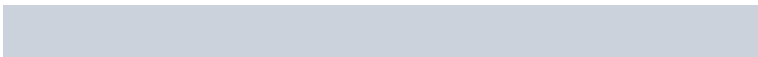
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



58.6264, 63.7404, 72.2687



59.3718, 63.7404, 74.8195



60.4493, 63.7404, 75.9171

Triad

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



59.3718, 63.7404, 74.8195



62.8173, 63.7404, 69.7874



59.6013, 63.7404, 63.8891

Complementary

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



59.3718, 63.7404, 74.8195



60.7556, 62.5373, 62.9025

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.



60.7176, 63.7404, 63.2716



59.3718, 63.7404, 74.8195



62.5834, 63.7404, 66.6130

Square

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



59.3718, 63.7404, 74.8195



62.4464, 63.7404, 72.9545



61.8112, 63.7404, 64.2534



58.7577, 63.7404, 65.9676

Rectangle

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



59.3718, 63.7404, 74.8195



61.2143, 63.7404, 75.6523



61.8112, 63.7404, 64.2534



59.9567, 63.7404, 63.5067

Sweetspot

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



59.3736, 63.7431, 74.8209



92.6589, 97.9663, 108.6335



59.3503, 66.1621, 67.2114



19.8579, 20.9902, 23.2548



0.0000, 0.0000, 0.0000



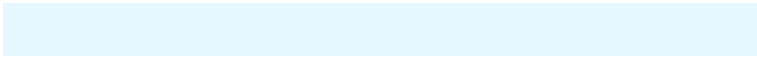
20.3446, 21.4041, 23.3091

Same Dimension

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



59.3736, 63.7431, 74.8209



83.6324, 90.1794, 107.6062



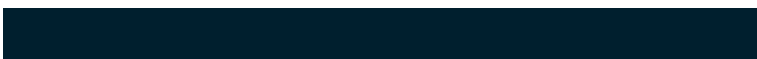
57.2695, 59.5349, 74.1195



13.0604, 14.0606, 16.6777



13.7847, 15.4388, 41.9919



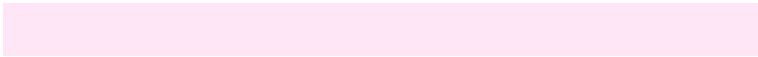
0.9710, 1.1561, 2.7464

Inverse Universe

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



60.7980, 60.3029, 70.0664



86.1100, 84.2606, 99.3210



62.8957, 66.8177, 63.6159



13.4204, 13.1972, 15.4749



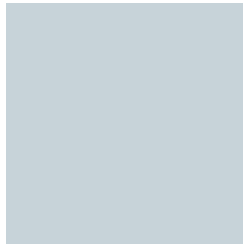
20.4532, 10.1823, 17.2985



1.3644, 0.6754, 1.3279

Previews

White Background



This preview shows how the XYZ color 59.3718, 63.7404, 74.8195 looks on a white background.

Color Contrast Check

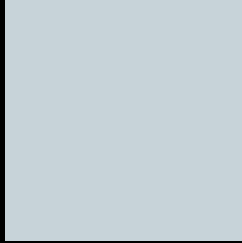
Large Text (above 18pt) WCAG AA × Fail

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 59.3718, 63.7404, 74.8195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

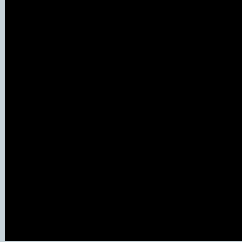
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

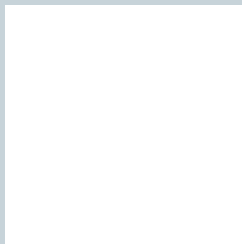
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.3718, 63.7404, 74.8195

Background



This preview shows how black text looks on a background with the XYZ color 59.3718, 63.7404, 74.8195.

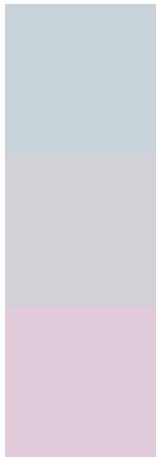


This preview shows how white text looks on a background with the XYZ color 59.3718, 63.7404,

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

59.3718, 63.7404, 74.8195

Protanopia

61.6856, 63.8669, 73.3663

Deuteranopia

65.1935, 63.8339, 75.9029



Tritanopia

60.8615, 64.0017, 81.0973

Trichromacy



Original Color

59.3718, 63.7404, 74.8195

Protanomaly

60.9273, 63.8242, 74.0738

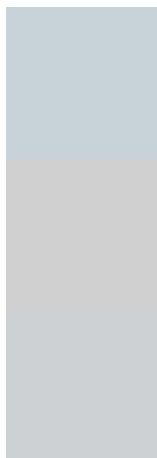
Deuteranomaly

63.0451, 63.8035, 75.3221

Tritanomaly

60.1853, 63.7003, 78.9353

Monochromacy



Original Color

59.3718, 63.7404, 74.8195

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.7352, 63.2832, 70.6945

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.3718, 63.7404, 74.8195 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(199, 211, 217)` looks like.

```
.text, #text, p{  
    color:rgb(199, 211, 217)  
}
```

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(199, 211, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 211, 217) }
```

Border

The CSS property to change the border of an element to XYZ 59.3718, 63.7404, 74.8195 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(199, 211, 217) }
```


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

```
.border{ border-color:rgb(199, 211, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 211, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 211, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 211, 217);  
box-shadow:4px 4px 4px 4px rgb(199, 211,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 59.3718, 63.7404, 74.8195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 211, 217) }
```

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

```
.background{ background-color: rgb(199,  
211, 217) }
```

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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