

Converting Colors

XYZ(59.7549, 64.2139, 75.8503)

Have a look what the booklet for
XYZ(59.7549, 64.2139, 75.8503)
contains.

XYZ(59.7516, 64.2910, 75.5898)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(59.7516, 64.2910,
75.5898)**

Conversions

Conversions Part 1

Format	Color
Hex	C7D4DA
RGB	199, 212, 218
RGB Percent	78%, 83%, 85%
CMY	0.2196, 0.1686, 0.1451
CMYK	0.09, 0.03, 0.00, 0.15
HSL	199°, 20%, 82%
HSV	199°, 9%, 85%
XYZ	59.7516, 64.2910, 75.5898
YIQ	208.7970, -9.6740, -0.8900

Conversions

Conversions Part 2

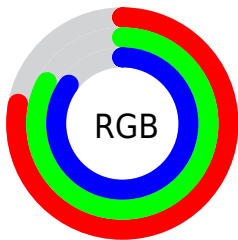
Format	Color
R _Y B	199, 207, 218
Decimal	13096154
CIE Lab	84.12, -3.21, -4.48
CIE LCh	84, 5.510, 234.321
Yxy	64.2910, 0.2993, 0.3220
Android (android.graphics.Color)	4291286234 (0xFFC7D4DA)
YUV	208.7970, 4.5371, -8.5920
Hunter-Lab	80.1817, -7.2992, 0.2326

Details

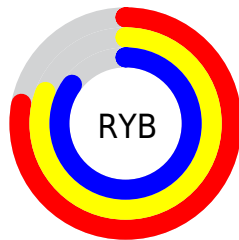
The XYZ color **59.7516, 64.2910, 75.5898** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.0540, 62.6914, 62.9169**, and the grayscale version is **60.4495, 63.5975, 69.2577**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.3449, 32.7780, 39.3778** is the 20% darker color. If you saturate the color by 10%, you get **52.6935, 58.1548, 74.7784**, and if you desaturate by 10%, it is **67.7153, 71.0064, 76.4673**.

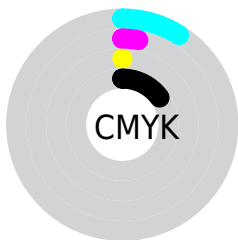
Distribution



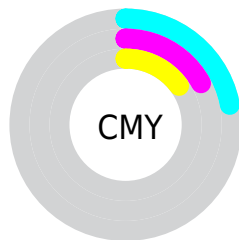
- Red (78%)
- Green (83%)
- Blue (85%)



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



- Cyan (9%)
- Magenta (3%)
- Yellow (0%)
- Black (15%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.7516, 64.2910, 75.5898 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 59.7516, 64.2910, 75.5898 by changing the saturation by 10% instead.

■ 59.7516, 64.2910,
75.5898

■ 59.7516, 64.2910,
75.5898

413.5310,
440.2397, 499.2518

■ 43.4671, 46.8864,
55.5916

103.5776,
111.0299, 128.9017

■ 30.4479, 32.9459,
39.4738

131.8499,
141.1330, 163.0524

■ 20.3286, 22.0850,
26.8178

164.8489,
176.2378, 202.7577

■ 12.7438, 13.9194,
17.2052

202.9399,
216.7285, 248.4361

■ 7.3281, 8.0646,
10.2174

246.4882,
262.9897, 300.5062

■ 3.7163, 4.1363,
5.4359

295.8593,

■ 1.5429, 1.7501,

315.4057, 359.3864

2.4420

351.4184,
374.3609, 425.4955

■ 0.3548, 0.4558,
0.8092

■ 0.0000, 0.0000,
0.0000

■ 59.7516, 64.2910,
75.5898

■ 59.7516, 64.2910,
75.5898

■ 52.6935, 58.1548,
74.7784

■ 67.7153, 71.0064,
76.4673

■ 46.4996, 52.5697,
74.0268

■ 76.6130, 78.3117,
77.4084

■ 41.1331, 47.5174,
73.3345

■ 82.9342, 84.4003,
78.2504

■ 36.5526, 42.9750,
72.6991

■ 84.9164, 88.3646,
78.9111

■ 32.7127, 38.9178,
72.1184

■ 86.9753, 92.4825,
79.5975

■ 29.5630, 35.3182,
71.5896

■ 89.1119, 96.7556,
80.3096

■ 27.0466, 32.1455,
71.1098

■ 89.6551, 97.8420,
80.4907

■ 25.0961, 29.3634,
70.6756

■ 23.6088, 26.9174,
70.2819

Harmonies

Analogous

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



58.9984, 64.2910, 72.7994



59.7516, 64.2910, 75.5898



60.8753, 64.2910, 76.8869

Triad

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



59.7516, 64.2910, 75.5898



63.4656, 64.2910, 70.6674



60.1477, 64.2910, 64.0692

Complementary

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



59.7516, 64.2910, 75.5898



61.0540, 62.6914, 62.9169

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.



61.3386, 64.2910, 63.5408



59.7516, 64.2910, 75.5898



63.2646, 64.2910, 67.2772

Square

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



59.7516, 64.2910, 75.5898



63.0278, 64.2910, 73.9851



62.4821, 64.2910, 64.6965



59.2249, 64.2910, 66.1645

Rectangle

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



59.7516, 64.2910, 75.5898



61.6875, 64.2910, 76.7003



62.4821, 64.2910, 64.6965



60.5295, 64.2910, 63.7054

Sweetspot

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



59.7535, 64.2937, 75.5912



91.5259, 97.0469, 108.5157



59.6090, 66.6793, 67.2978



19.3931, 20.6059, 23.2052



0.0000, 0.0000, 0.0000



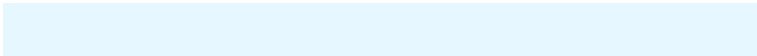
20.3446, 21.4041, 23.3091

Same Dimension

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



59.7535, 64.2937, 75.5912



83.7688, 90.4522, 107.6517



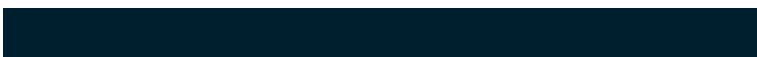
57.5180, 59.8228, 74.8461



13.0802, 14.1002, 16.6843



14.1391, 16.1477, 42.1100



0.9920, 1.1981, 2.7534

Inverse Universe

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



61.2220, 60.5072, 70.7427



86.1789, 84.2881, 99.6835



63.3205, 67.2245, 63.6724



13.4304, 13.2012, 15.5275



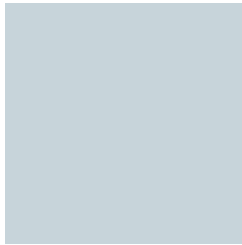
20.6321, 10.2539, 18.2406



1.3750, 0.6796, 1.3837

Previews

White Background



This preview shows how the XYZ color 59.7516, 64.2910, 75.5898 looks on a white background.

Color Contrast Check

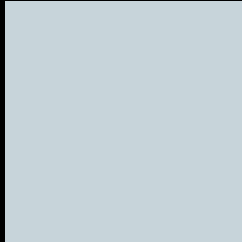
Large Text (above 18pt) WCAG AA × Fail

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 59.7516, 64.2910, 75.5898 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

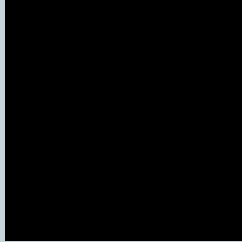
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

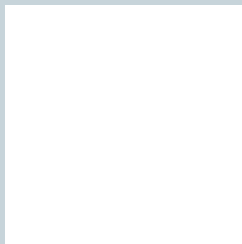
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.7516, 64.2910, 75.5898

Background



This preview shows how black text looks on a background with the XYZ color 59.7516, 64.2910, 75.5898.



This preview shows how white text looks on a background with the XYZ color 59.7516, 64.2910,

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

59.7516, 64.2910, 75.5898

Protanopia

61.8145, 63.9185, 74.0453

Deuteranopia

65.3255, 63.8867, 76.5985



Tritanopia

61.2468, 64.5521, 81.9048

Trichromacy



Original Color

59.7516, 64.2910, 75.5898

Protanomaly

61.0570, 63.8761, 74.7569

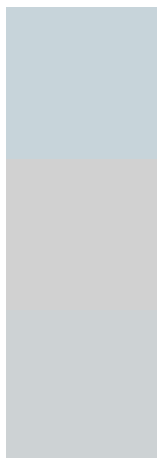
Deuteranomaly

63.1764, 63.8560, 76.0135

Tritanomaly

60.5682, 64.2497, 79.7302

Monochromacy



Original Color

59.7516, 64.2910, 75.5898

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.1071, 63.8258, 71.4390

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.7516, 64.2910, 75.5898 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, 212, 218) looks like.

```
.text, #text, p{  
    color:rgb(199, 212, 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(199, 212, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 212, 218) }
```

Border

The CSS property to change the border of an element to XYZ 59.7516, 64.2910, 75.5898 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, 212, 218) }
```


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

```
.border{ border-color:rgb(199, 212, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 212, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 212, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 212, 218);  
box-shadow:4px 4px 4px 4px rgb(199, 212,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 59.7516, 64.2910, 75.5898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 212, 218) }
```

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

```
.background{ background-color: rgb(199,  
212, 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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