

Converting Colors

XYZ(59.9366, 58.9914, 74.4074)

Have a look what the booklet for
XYZ(59.9366, 58.9914, 74.4074)
contains.

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Color

**XYZ(60.0617, 59.1406,
74.5793)**

Conversions

Conversions Part 1

Format	Color
Hex	D5C5DA
RGB	213, 197, 218
RGB Percent	84%, 77%, 85%
CMY	0.1647, 0.2274, 0.1451
CMYK	0.02, 0.10, 0.00, 0.15
HSL	286°, 22%, 81%
HSV	286°, 10%, 85%
XYZ	60.0617, 59.1406, 74.5793
YIQ	204.1780, 2.7950, 9.9230

Conversions

Conversions Part 2

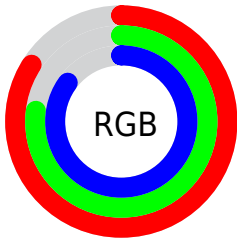
Format	Color
R _Y B	213, 197, 218
Decimal	14009818
CIE Lab	81.37, 9.37, -8.42
CIE LCh	81, 12.600, 318.057
Yxy	59.1406, 0.3099, 0.3052
Android (android.graphics.Color)	4292199898 (0xFFD5C5DA)
YUV	204.1780, 6.8142, 7.7369
Hunter-Lab	76.9029, 4.8296, -3.6665

Details

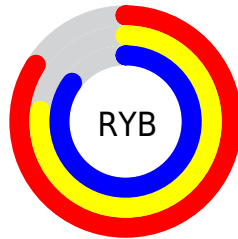
The XYZ color **60.0617, 59.1406, 74.5793** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.5087, 66.7321, 62.5705**, and the grayscale version is **57.4655, 60.4582, 65.8390**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **30.5339, 29.5584, 38.7464** is the 20% darker color. If you saturate the color by 10%, you get **53.9840, 49.1842, 72.9787**, and if you desaturate by 10%, it is **66.9068, 70.5586, 76.4233**.

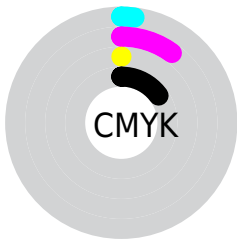
Distribution



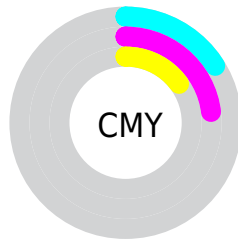
- Red (84%)
- Green (77%)
- Blue (85%)



- Red (84%)
- Yellow (77%)
- Blue (85%)



- Cyan (2%)
- Magenta (10%)
- Yellow (0%)
- Black (15%)



- Cyan (16%)
- Magenta (23%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.0617, 59.1406, 74.5793 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 60.0617, 59.1406, 74.5793 by changing the saturation by 10% instead.

60.0617, 59.1406,
74.5793

60.0617, 59.1406,
74.5793

414.6563,
421.4228, 495.6871

43.7180, 42.7263,
54.7687

104.0250,
103.5820, 127.4583

30.6458, 29.6704,
38.8192

132.3753,
132.3779, 161.3637

20.4798, 19.5886,
26.3123

165.4586,
166.0697, 200.8044

12.8546, 12.0963,
16.8296

203.6401,
205.0420, 246.1991

7.4048, 6.8093,
9.9524

247.2853,
249.6790, 297.9661

3.7651, 3.3431,
5.2622

296.7595,

1.5701, 1.3134,

300.3652, 356.5241

2.3405

352.4280,
357.4850, 422.2916

■ 0.3728, 0.1515,
0.7538

■ 0.0000, 0.0000,
0.0000

■ 60.0617, 59.1406,
74.5793

■ 60.0617, 59.1406,
74.5793

■ 53.9840, 49.1842,
72.9787

■ 66.9068, 70.5586,
76.4233

■ 48.6376, 40.6203,
71.6075

■ 74.5434, 83.4881,
78.5165

■ 43.9910, 33.3857,
70.4560

■ 80.5927, 93.1702,
80.0665

■ 40.0082, 27.4091,
69.5123

■ 82.2700, 94.0349,
80.1450

36.6498, 22.6127,
68.7635

83.9972, 94.9253,
80.2258

33.8723, 18.9097,
68.1952

85.7748, 95.8417,
80.3090

31.6257, 16.2013,
67.7908

87.6031, 96.7842,
80.3945

29.8513, 14.3703,
67.5309

89.4826, 97.7531,
80.4825

28.4487, 13.2169,
67.3822

89.6550, 97.8420,
80.4906

Harmonies

Analogous

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



57.7952, 59.1406, 79.1859



60.0617, 59.1406, 74.5793



61.3113, 59.1406, 67.4413

Triad

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



60.0617, 59.1406, 74.5793



57.2655, 59.1406, 51.2251



51.5342, 59.1406, 68.9936

Complementary

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



60.0617, 59.1406, 74.5793



59.5087, 66.7321, 62.5705

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.



51.4024, 59.1406, 61.4400



60.0617, 59.1406, 74.5793



54.6567, 59.1406, 51.5695

Square

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



60.0617, 59.1406, 74.5793



59.6635, 59.1406, 54.2004



52.5292, 59.1406, 55.1811



52.8950, 59.1406, 75.7918

Rectangle

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



60.0617, 59.1406, 74.5793



61.3745, 59.1406, 62.3832



52.5292, 59.1406, 55.1811



51.3463, 59.1406, 66.4477

Sweetspot

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



60.0634, 59.1431, 74.5806



91.9909, 94.8719, 108.0714



56.8625, 59.2934, 74.7783



19.5186, 20.0202, 23.0855



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.



60.0634, 59.1431, 74.5806



83.4231, 80.6507, 105.7780



60.8600, 59.6319, 71.0884



13.2956, 13.1105, 16.4820



17.1144, 7.9470, 40.3703



1.1833, 0.5533, 2.6189

Inverse Universe

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



59.5424, 59.1049, 64.1502



82.5243, 80.5950, 87.3176



58.7898, 66.2907, 65.7318



13.1825, 13.1021, 14.2223



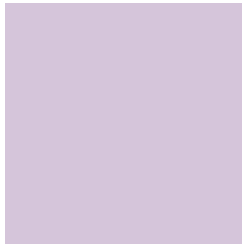
17.7275, 9.0920, 2.9451



1.1822, 0.6025, 0.3685

Previews

White Background



This preview shows how the XYZ color 60.0617, 59.1406, 74.5793 looks on a white background.

Color Contrast Check

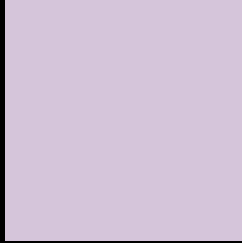
Large Text (above 18pt) WCAG AA × Fail

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 60.0617, 59.1406, 74.5793 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

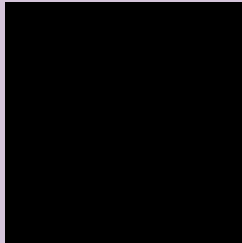
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.0617, 59.1406, 74.5793

Background



This preview shows how black text looks on a background with the XYZ color 60.0617, 59.1406, 74.5793.



This preview shows how white text looks on a background with the XYZ color 60.0617, 59.1406,

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

60.0617, 59.1406, 74.5793

Protanopia

57.6243, 59.2200, 76.1036

Deuteranopia

60.4191, 58.9889, 74.5312



Tritanopia

59.3557, 59.1893, 71.2471

Trichromacy



Original Color

60.0617, 59.1406, 74.5793

Protanomaly

58.6173, 59.4022, 75.3941

Deuteranomaly

60.1264, 58.8380, 74.5175

Tritanomaly

59.6112, 59.2915, 72.5925

Monochromacy



Original Color

60.0617, 59.1406, 74.5793

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

58.1274, 59.6421, 68.7700

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.0617, 59.1406, 74.5793 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(213, 197, 218)` looks like.

```
.text, #text, p{  
    color:rgb(213, 197, 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(213, 197, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 197, 218) }
```

Border

The CSS property to change the border of an element to XYZ 60.0617, 59.1406, 74.5793 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(213, 197, 218) }
```


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

```
.border{ border-color:rgb(213, 197, 218) }
```

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

Here you see how a box with a 4 pixel rgb(213, 197, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 197, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 197, 218);  
box-shadow:4px 4px 4px 4px rgb(213, 197,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 60.0617, 59.1406, 74.5793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 197, 218) }
```

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

```
.background{ background-color: rgb(213,  
197, 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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