

Converting Colors

XYZ(59.1432, 60.0484, 74.1190)

Have a look what the booklet for
XYZ(59.1432, 60.0484, 74.1190)
contains.

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Color

**XYZ(59.1432, 60.0484,
74.1190)**

Conversions

Conversions Part 1

Format	Color
Hex	CFC9D9
RGB	207, 201, 217
RGB Percent	81%, 79%, 85%
CMY	0.1882, 0.2117, 0.1490
CMYK	0.05, 0.07, 0.00, 0.15
HSL	262°, 17%, 82%
HSV	262°, 7%, 85%
XYZ	59.1432, 60.0484, 74.1190
YIQ	204.6180, -1.5600, 6.2480

Conversions

Conversions Part 2

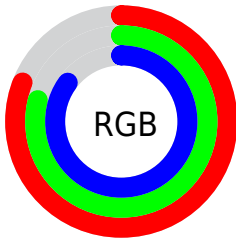
Format	Color
R _Y B	207, 201, 217
Decimal	13617625
CIE Lab	81.86, 5.04, -7.20
CIE LCh	82, 8.790, 304.962
Yxy	60.0484, 0.3059, 0.3106
Android (android.graphics.Color)	4291807705 (0xFFCFC9D9)
YUV	204.6180, 6.1043, 2.0890
Hunter-Lab	77.4909, 0.6271, -2.4665

Details

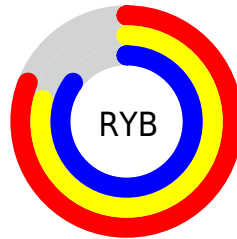
The XYZ color **59.1432, 60.0484, 74.1190** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.2215, 67.6932, 65.0479**, and the grayscale version is **57.7504, 60.7579, 66.1654**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.0922, 30.2484, 38.4349** is the 20% darker color. If you saturate the color by 10%, you get **50.8097, 48.7672, 72.3817**, and if you desaturate by 10%, it is **68.5204, 72.9318, 76.1124**.

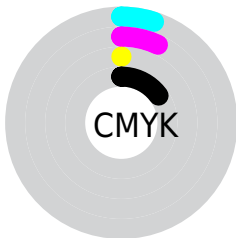
Distribution



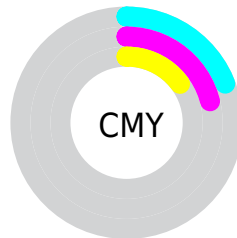
- Red (81%)
- Green (79%)
- Blue (85%)



- Red (81%)
- Yellow (79%)
- Blue (85%)



- Cyan (5%)
- Magenta (7%)
- Yellow (0%)
- Black (15%)



- Cyan (19%)
- Magenta (21%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.1432, 60.0484, 74.1190 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 59.1432, 60.0484, 74.1190 by changing the saturation by 10% instead.

■ 59.1432, 60.0484,
74.1190

■ 59.1432, 60.0484,
74.1190

411.3179,
424.7761, 494.0584

■ 42.9752, 43.4576,
54.3941

102.6992,
104.8999, 126.8001

■ 30.0601, 30.2444,
38.5215

130.8179,
133.9294, 160.5933

■ 20.0325, 20.0241,
26.0827

163.6510,
167.8739, 199.9131

■ 12.5271, 12.4126,
16.6592

201.5636,
207.1179, 245.1778

■ 7.1785, 7.0253,
9.8324

244.9213,
252.0458, 296.8062

■ 3.6213, 3.4779,
5.1838

294.0893,

■ 1.4902, 1.3861,

303.0418, 355.2168

2.2949

349.4331,
360.4905, 420.8280

■ 0.3191, 0.2064,
0.7284

■ 0.0000, 0.0000,
0.0000

■ 59.1432, 60.0484,
74.1190

■ 59.1432, 60.0484,
74.1190

■ 50.8097, 48.7672,
72.3817

■ 68.5204, 72.9318,
76.1124

■ 43.4768, 39.0168,
70.8861

■ 78.9720, 87.4698,
78.3677

■ 37.1057, 30.7315,
69.6227

■ 86.8882, 96.4308,
79.6801

■ 31.6534, 23.8379,
68.5795

■ 89.5246, 97.7898,
79.8035

■ 27.0728, 18.2561,
67.7435

■ 23.3127, 13.8977,
67.1004

■ 20.3156, 10.6631,
66.6340

■ 18.0152, 8.4360,
66.3254

■ 16.3255, 7.0612,
66.1491

Harmonies

Analogous

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



57.3834, 60.0484, 76.0996



59.1432, 60.0484, 74.1190



60.3682, 60.0484, 69.8029

Triad

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



59.1432, 60.0484, 74.1190



58.5975, 60.0484, 56.5548



53.5930, 60.0484, 66.2703

Complementary

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



59.1432, 60.0484, 74.1190



62.2215, 67.6932, 65.0479

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.



53.9023, 60.0484, 61.1527



59.1432, 60.0484, 74.1190



56.7661, 60.0484, 55.7220

Square

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



59.1432, 60.0484, 74.1190



60.0483, 60.0484, 59.7003



55.0540, 60.0484, 57.3610



54.1999, 60.0484, 71.4143

Rectangle

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



59.1432, 60.0484, 74.1190



60.7025, 60.0484, 66.2839



55.0540, 60.0484, 57.3610



53.5934, 60.0484, 64.4893

Sweetspot

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



59.1450, 60.0510, 74.1203



92.2814, 96.1894, 108.3104



59.9413, 64.0841, 74.8568



19.7811, 20.6284, 23.1891



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.



59.1450, 60.0510, 74.1203



83.0783, 83.6013, 106.3657



61.3980, 61.2125, 74.2258



12.7976, 12.8538, 16.4587



9.7621, 4.1567, 40.0262



0.7261, 0.3176, 2.5975

Inverse Universe

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



61.2618, 61.2307, 70.2206



86.8061, 85.6795, 99.4704



60.0225, 66.5595, 64.9450



13.3966, 13.1877, 15.3498



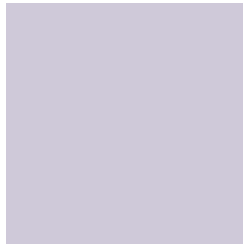
20.0499, 10.0210, 15.1744



1.3402, 0.6657, 1.2004

Previews

White Background



This preview shows how the XYZ color 59.1432, 60.0484, 74.1190 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 59.1432, 60.0484, 74.1190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

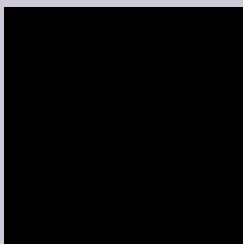
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

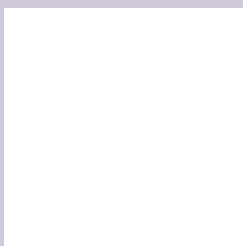
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.1432, 60.0484, 74.1190

Background



This preview shows how black text looks on a background with the XYZ color 59.1432, 60.0484, 74.1190.

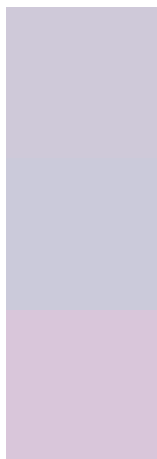


This preview shows how white text looks on a background with the XYZ color 59.1432, 60.0484,

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

59.1432, 60.0484, 74.1190

Protanopia

58.4040, 59.9995, 74.8325

Deuteranopia

61.4642, 60.2018, 74.7103



Tritanopia

59.1432, 60.0484, 74.1190

Trichromacy



Original Color

59.1432, 60.0484, 74.1190

Protanomaly

58.6773, 60.1404, 74.8453

Deuteranomaly

60.5189, 60.0549, 74.7317

Tritanomaly

59.1432, 60.0484, 74.1190

Monochromacy



Original Color

59.1432, 60.0484, 74.1190

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.5551, 60.9110, 68.9924

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.1432, 60.0484, 74.1190 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(207, 201, 217) looks like.

```
.text, #text, p{  
    color:rgb(207, 201, 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(207, 201, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 201, 217) }
```

Border

The CSS property to change the border of an element to XYZ 59.1432, 60.0484, 74.1190 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(207, 201, 217) }
```


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

```
.border{ border-color:rgb(207, 201, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 201, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 201, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 201, 217);  
box-shadow:4px 4px 4px 4px rgb(207, 201,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 59.1432, 60.0484, 74.1190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 201, 217) }
```

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

```
.background{ background-color: rgb(207,  
201, 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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