

Converting Colors

XYZ(57.8020, 59.5062, 74.4734)

Have a look what the booklet for
XYZ(57.8020, 59.5062, 74.4734)
contains.

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Color

**XYZ(57.6289, 59.2528,
74.7292)**

Conversions

Conversions Part 1

Format	Color
Hex	C9C9DA
RGB	201, 201, 218
RGB Percent	79%, 79%, 85%
CMY	0.2118, 0.2117, 0.1451
CMYK	0.08, 0.08, 0.00, 0.15
HSL	240°, 19%, 82%
HSV	240°, 8%, 85%
XYZ	57.6289, 59.2528, 74.7292
YIQ	202.9380, -5.4570, 5.2870

Conversions

Conversions Part 2

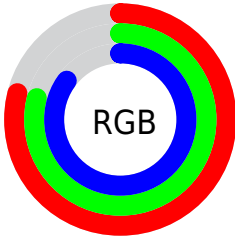
Format	Color
R _Y B	201, 201, 218
Decimal	13224410
CIE Lab	81.43, 3.23, -8.43
CIE LCh	81, 9.032, 290.977
Yxy	59.2528, 0.3008, 0.3092
Android (android.graphics.Color)	4291414490 (0xFFC9C9DA)
YUV	202.9380, 7.4256, -1.6996
Hunter-Lab	76.9758, -1.0715, -3.6765

Details

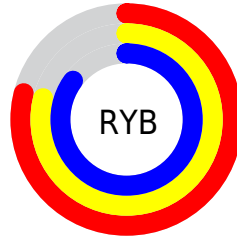
The XYZ color **57.6289, 59.2528, 74.7292** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.5275, 69.2645, 65.2277**, and the grayscale version is **56.6846, 59.6367, 64.9443**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.0772, 29.7148, 38.8533** is the 20% darker color. If you saturate the color by 10%, you get **47.4541, 46.9938, 72.9002**, and if you desaturate by 10%, it is **69.3599, 73.3874, 76.8401**.

Distribution



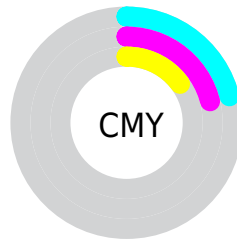
- Red (79%)
- Green (79%)
- Blue (85%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.6289, 59.2528, 74.7292 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 57.6289, 59.2528, 74.7292 by changing the saturation by 10% instead.

■ 57.6289, 59.2528,
74.7292

■ 57.6289, 59.2528,
74.7292

405.7779,
421.8381, 496.2168

■ 41.7525, 42.8167,
54.8907

100.5083,
103.7450, 127.6725

■ 29.0978, 29.7413,
38.9162

128.2421,
132.5698, 161.6144

■ 19.2995, 19.6423,
26.3872

160.6589,
166.2930, 201.0945

■ 11.9922, 12.1353,
16.8852

198.1243,
205.2990, 246.5313

■ 6.8105, 6.8359,
9.9916

241.0035,
249.9720, 298.3434

■ 3.3891, 3.3597,
5.2878

289.6620,

■ 1.3627, 1.3223,

300.6967, 356.9494

2.3554

344.4650,
357.8572, 422.7676

■ 0.2294, 0.1583,
0.7620

■ 0.0000, 0.0000,
0.0000

■ 57.6289, 59.2528,
74.7292

■ 57.6289, 59.2528,
74.7292

■ 47.4541, 46.9938,
72.9002

■ 69.3599, 73.3874,
76.8401

■ 38.7651, 36.5246,
71.3374

■ 82.7029, 89.4639,
79.2399

■ 31.4941, 27.7637,
70.0296

■ 89.6551, 97.8420,
80.4906

■ 25.5658, 20.6205,
68.9632

■ 20.8982, 14.9961,
68.1236

■ 17.3999, 10.7807,
67.4944

■ 14.9678, 7.8498,
67.0568

■ 13.4803, 6.0570,
66.7892

■ 12.7677, 5.1981,
66.6610

Harmonies

Analogous

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



55.7501, 59.2528, 75.3496



57.6289, 59.2528, 74.7292



59.1885, 59.2528, 71.2929

Triad

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



57.6289, 59.2528, 74.7292



58.6370, 59.2528, 56.7643



52.8049, 59.2528, 62.8979

Complementary

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



57.6289, 59.2528, 74.7292



64.5275, 69.2645, 65.2277

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.



53.5419, 59.2528, 58.1832



57.6289, 59.2528, 74.7292



56.8898, 59.2528, 54.7744

Square

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



57.6289, 59.2528, 74.7292



59.7795, 59.2528, 60.8619



55.0271, 59.2528, 55.2789



52.9928, 59.2528, 68.3139

Rectangle

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



57.6289, 59.2528, 74.7292



59.8236, 59.2528, 67.9680



55.0271, 59.2528, 55.2789



52.9521, 59.2528, 61.1833

Sweetspot

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



57.6306, 59.2553, 74.7305



91.5934, 95.8352, 108.2783



61.7775, 67.6084, 75.9300



19.6409, 20.5563, 23.1825



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.



57.6306, 59.2553, 74.7305



80.2169, 82.1281, 106.2322



59.8983, 60.4232, 74.8364



12.3389, 12.6176, 16.4373



7.5820, 3.0334, 39.9243



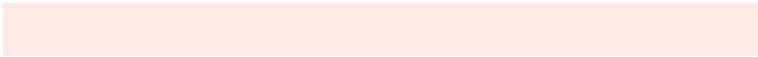
0.4913, 0.1967, 2.5865

Inverse Universe

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



60.3440, 60.8969, 63.8352



84.6839, 84.8307, 88.2952



62.1316, 68.0307, 65.1158



13.0562, 13.0516, 13.5572



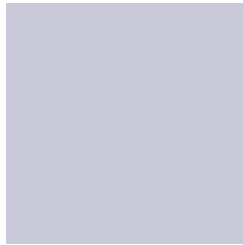
17.3224, 8.9300, 0.8117



1.1223, 0.5785, 0.0528

Previews

White Background



This preview shows how the XYZ color 57.6289, 59.2528, 74.7292 looks on a white background.

Color Contrast Check

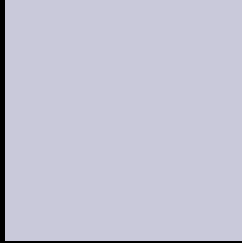
Large Text (above 18pt) WCAG AA × Fail

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 57.6289, 59.2528, 74.7292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

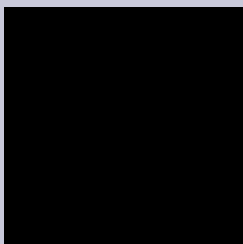
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

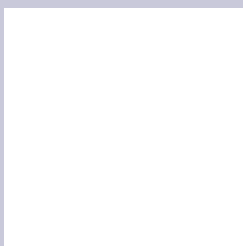
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.6289, 59.2528, 74.7292

Background



This preview shows how black text looks on a background with the XYZ color 57.6289, 59.2528, 74.7292.



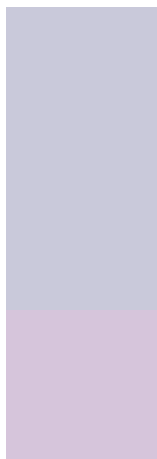
This preview shows how white text looks on a background with the XYZ color 57.6289, 59.2528,

74.7292.

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

57.6289, 59.2528, 74.7292

Protanopia

57.6289, 59.2528, 74.7292

Deuteranopia

60.4840, 59.3431, 75.2844



Tritanopia

57.4984, 59.2005, 74.0420

Trichromacy



Original Color

57.6289, 59.2528, 74.7292

Protanomaly

57.6289, 59.2528, 74.7292

Deuteranomaly

59.2748, 59.0579, 75.2930

Tritanomaly

57.4984, 59.2005, 74.0420

Monochromacy



Original Color

57.6289, 59.2528, 74.7292

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.8628, 59.3517, 68.1335

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.6289, 59.2528, 74.7292 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(201, 201, 218)` looks like.

```
.text, #text, p{  
    color:rgb(201, 201, 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(201, 201, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 201, 218) }
```

Border

The CSS property to change the border of an element to XYZ 57.6289, 59.2528, 74.7292 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(201, 201, 218) }
```


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

```
.border{ border-color:rgb(201, 201, 218) }
```

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

Here you see how a box with a 4 pixel rgb(201, 201, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 201, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 201, 218);  
box-shadow:4px 4px 4px 4px rgb(201, 201,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 57.6289, 59.2528, 74.7292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 201, 218) }
```

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

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