

Converting Colors

XYZ(60.7468, 59.7016, 72.8062)

Have a look what the booklet for
XYZ(60.7468, 59.7016, 72.8062)
contains.

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Color

**XYZ(60.7787, 59.8934,
72.6472)**

Conversions

Conversions Part 1

Format	Color
Hex	D8C6D7
RGB	216, 198, 215
RGB Percent	85%, 78%, 84%
CMY	0.1529, 0.2235, 0.1569
CMYK	0.00, 0.08, 0.00, 0.15
HSL	303°, 19%, 81%
HSV	303°, 8%, 85%
XYZ	60.7787, 59.8934, 72.6472
YIQ	205.3200, 5.2710, 9.1030

Conversions

Conversions Part 2

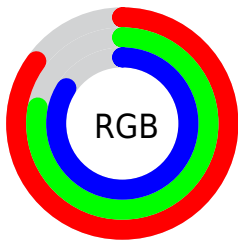
Format	Color
R _Y B	216, 198, 215
Decimal	14206679
CIE Lab	81.78, 9.30, -6.18
CIE LCh	82, 11.163, 326.408
Yxy	59.8934, 0.3144, 0.3098
Android (android.graphics.Color)	4292396759 (0xFFD8C6D7)
YUV	205.3200, 4.7722, 9.3664
Hunter-Lab	77.3908, 4.7506, -1.4823

Details

The XYZ color **60.7787, 59.8934, 72.6472** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.1556, 65.2426, 63.5638**, and the grayscale version is **58.2017, 61.2327, 66.6824**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.0164, 30.0617, 37.4254** is the 20% darker color. If you saturate the color by 10%, you get **56.0364, 50.6537, 70.3090**, and if you desaturate by 10%, it is **66.2297, 70.5468, 75.2286**.

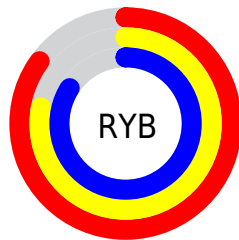
Distribution



Red (85%)

Green (78%)

Blue (84%)



Red (85%)

Yellow (78%)

Blue (84%)

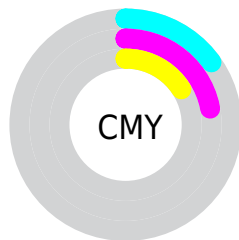


Cyan (0%)

Magenta (8%)

Yellow (0%)

Black (15%)



Cyan (15%)

Magenta (22%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.7787, 59.8934, 72.6472 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 60.7787, 59.8934, 72.6472 by changing the saturation by 10% instead.

60.7787, 59.8934,
72.6472

60.7787, 59.8934,
72.6472

417.2510,
424.2047, 488.8291

44.2985, 43.3327,
53.1975

105.0584,
104.6750, 124.6925

31.1041, 30.1463,
37.5716

133.5885,
133.6647, 158.1252

20.8304, 19.9496,
25.3511

166.8660,
167.5663, 197.0559

13.1118, 12.3584,
16.1175

205.2562,
206.7640, 241.9032

7.5831, 6.9883,
9.4521

249.1244,
251.6423, 293.0856

3.8789, 3.4548,
4.9364

298.8361,

1.6339, 1.3735,

302.5856, 351.0217

2.1519

354.7565,
359.9783, 416.1300

■ 0.4143, 0.1971,
0.6464

■ 0.0000, 0.0000,
0.0000

■ 60.7787, 59.8934,
72.6472

■ 60.7787, 59.8934,
72.6472

■ 56.0364, 50.6537,
70.3090

■ 66.2297, 70.5468,
75.2286

■ 51.9678, 42.7608,
68.2003

■ 72.4121, 82.6620,
78.0587

■ 48.5431, 36.1536,
66.3117

■ 76.8131, 91.2126,
80.3006

■ 45.7278, 30.7636,
64.6318

■ 76.9713, 91.2759,
81.1339

43.4845, 26.5157,
63.1482

77.1307, 91.3397,
81.9732

41.7716, 23.3267,
61.8468

77.2912, 91.4039,
82.8184

40.5417, 21.1020,
60.7120

77.4529, 91.4686,
83.6698

39.7391, 19.7303,
59.7251

77.6157, 91.5337,
84.5272

39.2815, 19.0466,
58.8586

77.7797, 91.5993,
85.3906

Harmonies

Analogous

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



58.9625, 59.8934, 77.5186



60.7787, 59.8934, 72.6472



61.5619, 59.8934, 66.0287

Triad

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



60.7787, 59.8934, 72.6472



57.2108, 59.8934, 53.1199



52.9708, 59.8934, 71.1469

Complementary

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



60.7787, 59.8934, 72.6472



58.1556, 65.2426, 63.5638

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.



52.5306, 59.8934, 64.4055



60.7787, 59.8934, 72.6472



54.9386, 59.8934, 54.2852

Square

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



60.7787, 59.8934, 72.6472



59.4665, 59.8934, 55.0066



53.2413, 59.8934, 58.3055



54.4606, 59.8934, 76.6114

Rectangle

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



60.7787, 59.8934, 72.6472



61.3773, 59.8934, 61.6223



53.2413, 59.8934, 58.3055



52.6969, 59.8934, 68.9421

Sweetspot

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



60.7804, 59.8960, 72.6485



93.3989, 96.7708, 108.1247



56.1180, 57.4775, 73.1031



20.0085, 20.7468, 23.1513



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.



60.7804, 59.8960, 72.6485



87.2206, 84.7048, 105.1690



59.6677, 59.4509, 66.7887



12.9218, 12.6202, 15.5286



23.2265, 11.2269, 34.8265



1.4102, 0.6809, 2.1496

Inverse Universe

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



60.7804, 59.8960, 72.6485



87.2206, 84.7048, 105.1690



59.2195, 65.6681, 69.1660



12.9218, 12.6202, 15.5286



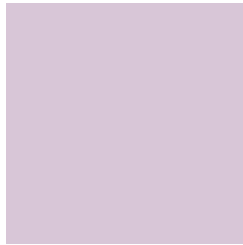
23.2265, 11.2269, 34.8265



1.4102, 0.6809, 2.1496

Previews

White Background



This preview shows how the XYZ color 60.7787, 59.8934, 72.6472 looks on a white background.

Color Contrast Check

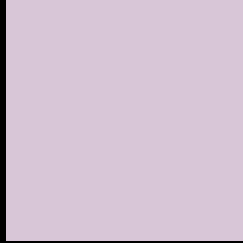
Large Text (above 18pt) WCAG AA × Fail

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 60.7787, 59.8934, 72.6472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

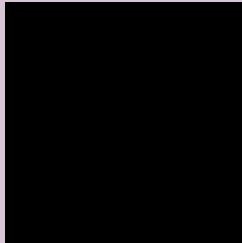
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.7787, 59.8934, 72.6472

Background



This preview shows how black text looks on a background with the XYZ color 60.7787, 59.8934, 72.6472.

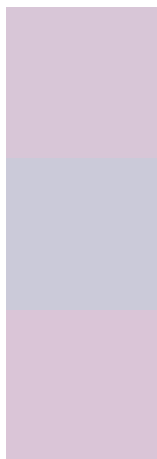


This preview shows how white text looks on a background with the XYZ color 60.7787, 59.8934,

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

60.7787, 59.8934, 72.6472

Protanopia

58.2735, 59.9473, 74.1453

Deuteranopia

61.1454, 59.7442, 72.5991



Tritanopia

60.6506, 59.8421, 71.9724

Trichromacy



Original Color

60.7787, 59.8934, 72.6472

Protanomaly

59.2937, 60.1411, 73.4490

Deuteranomaly

60.8473, 59.5905, 72.5851

Tritanomaly

60.6506, 59.8421, 71.9724

Monochromacy



Original Color

60.7787, 59.8934, 72.6472

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.9236, 60.3998, 68.8743

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.7787, 59.8934, 72.6472 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(216, 198, 215)` looks like.

```
.text, #text, p{  
    color:rgb(216, 198, 215)  
}
```

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(216, 198, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 198, 215) }
```

Border

The CSS property to change the border of an element to XYZ 60.7787, 59.8934, 72.6472 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(216, 198, 215) }
```


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

```
.border{ border-color:rgb(216, 198, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 198, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 198, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 198, 215);  
box-shadow:4px 4px 4px 4px rgb(216, 198,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7787, 59.8934, 72.6472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 198, 215) }
```

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

```
.background{ background-color: rgb(216,  
198, 215) }
```

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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