

Converting Colors

XYZ(60.8142, 62.2491, 67.5385)

Have a look what the booklet for
XYZ(60.8142, 62.2491, 67.5385)
contains.

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Color

**XYZ(60.8797, 62.1378,
67.8166)**

Conversions

Conversions Part 1

Format	Color
Hex	D7CCCF
RGB	215, 204, 207
RGB Percent	84%, 80%, 81%
CMY	0.1569, 0.2000, 0.1882
CMYK	0.00, 0.05, 0.04, 0.16
HSL	344°, 12%, 82%
HSV	344°, 5%, 84%
XYZ	60.8797, 62.1378, 67.8166
YIQ	207.6310, 5.5930, 3.2650

Conversions

Conversions Part 2

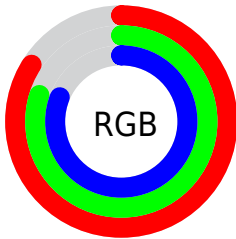
Format	Color
R _Y B	215, 204, 207
Decimal	14142671
CIE Lab	82.99, 4.34, -0.13
CIE LCh	83, 4.340, 358.235
Yxy	62.1378, 0.3190, 0.3256
Android (android.graphics.Color)	4292332751 (0xFFD7CCCF)
YUV	207.6310, -0.3111, 6.4626
Hunter-Lab	78.8275, -0.0899, 4.1711

Details

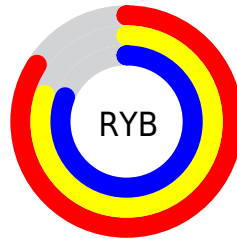
The XYZ color **60.8797, 62.1378, 67.8166** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.0883, 66.1933, 71.8475**, and the grayscale version is **59.7163, 62.8262, 68.4177**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.1533, 31.5862, 34.5918** is the 20% darker color. If you saturate the color by 10%, you get **54.2999, 51.8878, 56.6516**, and if you desaturate by 10%, it is **68.3579, 73.8798, 80.2173**.

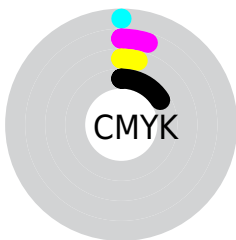
Distribution



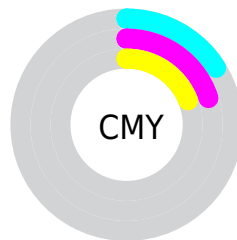
- Red (84%)
- Green (80%)
- Blue (81%)



- Red (84%)
- Yellow (80%)
- Blue (81%)



- Cyan (0%)
- Magenta (5%)
- Yellow (4%)
- Black (16%)



- Cyan (16%)
- Magenta (20%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.8797, 62.1378, 67.8166 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 60.8797, 62.1378, 67.8166 by changing the saturation by 10% instead.

■ 60.8797, 62.1378,
67.8166

■ 60.8797, 62.1378,
67.8166

417.6157,
432.4336, 471.4263

■ 44.3803, 45.1441,
49.2828

105.2038,
107.9247, 117.7415

■ 31.1688, 31.5709,
34.4767

133.7592,
137.4866, 149.9696

■ 20.8798, 21.0340,
22.9797

167.0640,
172.0067, 187.5996

■ 13.1482, 13.1488,
14.3734

205.4835,
211.8693, 231.0500

■ 7.6084, 7.5311,
8.2391

249.3830,
257.4589, 280.7393

■ 3.8951, 3.7964,
4.1584

299.1280,

■ 1.6429, 1.5603,

309.1599, 337.0861

1.7126

355.0838,
367.3567, 400.5090

■ 0.4201, 0.3306,
0.3694

■ 0.0000, 0.0000,
0.0000

■ 60.8797, 62.1378,
67.8166

■ 60.8797, 62.1378,
67.8166

■ 54.2999, 51.8878,
56.6516

■ 68.3579, 73.8798,
80.2173

■ 48.5791, 43.0622,
46.6798

■ 76.7616, 87.1619,
93.8865

■ 43.6825, 35.5998,
37.8621

■ 81.6623, 93.1183,
107.3735

■ 39.5711, 29.4322,
30.1557

■ 81.8347, 93.1873,
108.2815

■ 36.2025, 24.4849,
23.5150

■ 33.5303, 20.6757,
17.8913

■ 31.5025, 17.9123,
13.2315

■ 30.0593, 16.0877,
9.4775

■ 29.1289, 15.0714,
6.5633

Harmonies

Analogous

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



60.6055, 62.1378, 70.4110



60.8797, 62.1378, 67.8166



60.6620, 62.1378, 65.2452

Triad

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



60.8797, 62.1378, 67.8166



58.2117, 62.1378, 63.2117



58.1165, 62.1378, 72.1410

Complementary

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



60.8797, 62.1378, 67.8166



61.0883, 66.1933, 71.8475

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.



57.4866, 62.1378, 70.1286



60.8797, 62.1378, 67.8166



57.5412, 62.1378, 64.9768

Square

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



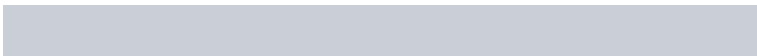
60.8797, 62.1378, 67.8166



59.1156, 62.1378, 62.6290



57.2772, 62.1378, 67.4987



59.0046, 62.1378, 72.9483

Rectangle

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



60.8797, 62.1378, 67.8166



60.2686, 62.1378, 63.8806



57.2772, 62.1378, 67.4987



57.8679, 62.1378, 71.5805

Sweetspot

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



60.8815, 62.1405, 67.8179



92.8528, 96.5524, 105.2490



60.9784, 62.0746, 73.0585



19.8974, 20.7023, 22.5660



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.



60.8815, 62.1405, 67.8179



88.6211, 89.9274, 98.1707



61.0892, 63.1366, 66.0968



12.9754, 13.1227, 14.3275



17.2661, 8.8428, 3.4393



1.0762, 0.5473, 0.3908

Inverse Universe

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



60.8815, 62.1405, 67.8179



88.6211, 89.9274, 98.1707



60.8676, 65.1414, 73.6563



12.9754, 13.1227, 14.3275



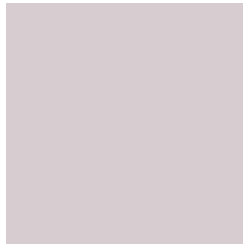
17.2661, 8.8428, 3.4393



1.0762, 0.5473, 0.3908

Previews

White Background



This preview shows how the XYZ color 60.8797, 62.1378, 67.8166 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 60.8797, 62.1378, 67.8166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

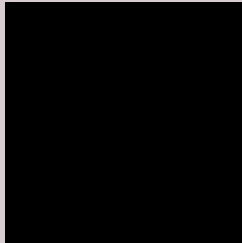
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

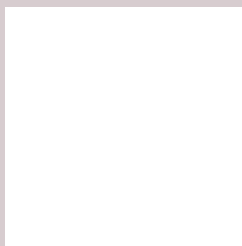
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.8797, 62.1378, 67.8166

Background



This preview shows how black text looks on a background with the XYZ color 60.8797, 62.1378, 67.8166.

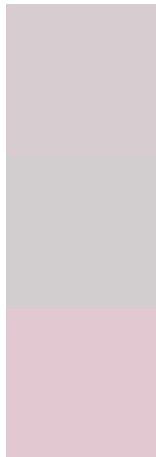


This preview shows how white text looks on a background with the XYZ color 60.8797, 62.1378,

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

60.8797, 62.1378, 67.8166

Protanopia

60.0348, 62.3983, 68.5544

Deuteranopia

63.4035, 62.0314, 68.3060



Tritanopia

62.3907, 62.0547, 75.0191

Trichromacy



Original Color

60.8797, 62.1378, 67.8166

Protanomaly

60.3679, 62.2138, 68.5012

Deuteranomaly

62.3960, 61.8570, 68.3255

Tritanomaly

61.8124, 62.1658, 72.3597

Monochromacy



Original Color

60.8797, 62.1378, 67.8166

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

60.5620, 63.0286, 68.6483

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8797, 62.1378, 67.8166 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(215, 204, 207) looks like.

```
.text, #text, p{  
    color:rgb(215, 204, 207)  
}
```

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(215, 204, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 204, 207) }
```

Border

The CSS property to change the border of an element to XYZ 60.8797, 62.1378, 67.8166 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(215, 204, 207) }
```


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

```
.border{ border-color:rgb(215, 204, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 204, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 204, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 204, 207);  
box-shadow:4px 4px 4px 4px rgb(215, 204,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8797, 62.1378, 67.8166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 204, 207) }
```

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

```
.background{ background-color: rgb(215,  
204, 207) }
```

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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