

Converting Colors

XYZ(60.5956, 60.4703, 68.9326)

Have a look what the booklet for
XYZ(60.5956, 60.4703, 68.9326)
contains.

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Color

**XYZ(60.7782, 60.6637,
68.8275)**

Conversions

Conversions Part 1

Format	Color
Hex	D9C8D1
RGB	217, 200, 209
RGB Percent	85%, 78%, 82%
CMY	0.1490, 0.2157, 0.1804
CMYK	0.00, 0.08, 0.04, 0.15
HSL	328°, 18%, 82%
HSV	328°, 8%, 85%
XYZ	60.7782, 60.6637, 68.8275
YIQ	206.1090, 7.2430, 6.4030

Conversions

Conversions Part 2

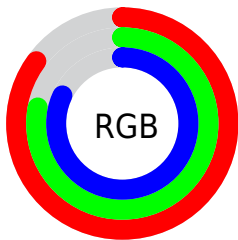
Format	Color
R _{YB}	217, 200, 209
Decimal	14272721
CIE Lab	82.20, 7.50, -2.34
CIE LCh	82, 7.855, 342.680
Yxy	60.6637, 0.3194, 0.3188
Android (android.graphics.Color)	4292462801 (0xFFD9C8D1)
YUV	206.1090, 1.4253, 9.5514
Hunter-Lab	77.8869, 2.9885, 2.1271

Details

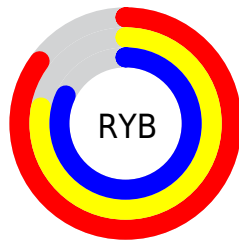
The XYZ color **60.7782, 60.6637, 68.8275** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.0198, 66.4608, 69.3426**, and the grayscale version is **58.7254, 61.7837, 67.2824**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.0956, 30.6057, 35.2789** is the 20% darker color. If you saturate the color by 10%, you get **54.8809, 50.8278, 60.8216**, and if you desaturate by 10%, it is **67.4733, 71.9638, 77.5008**.

Distribution



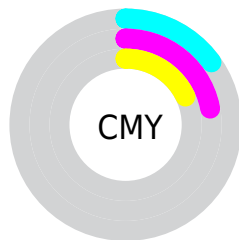
- Red (85%)
- Green (78%)
- Blue (82%)



- Red (85%)
- Yellow (78%)
- Blue (82%)



- Cyan (0%)
- Magenta (8%)
- Yellow (4%)
- Black (15%)



- Cyan (15%)
- Magenta (22%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.7782, 60.6637, 68.8275 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 60.7782, 60.6637, 68.8275 by changing the saturation by 10% instead.

■ 60.7782, 60.6637,
68.8275

■ 60.7782, 60.6637,
68.8275

417.2492,
427.0398, 475.0998

■ 44.2980, 43.9538,
50.1004

105.0577,
105.7918, 119.2005

■ 31.1038, 30.6342,
35.1214

133.5877,
134.9789, 151.6835

■ 20.8301, 20.3205,
23.4721

166.8650,
169.0938, 189.5889

■ 13.1116, 12.6282,
14.7339

205.2551,
208.5210, 233.3351

■ 7.5830, 7.1730,
8.4883

249.1231,
253.6447, 283.3407

■ 3.8788, 3.5705,
4.3167

298.8346,

■ 1.6338, 1.4364,

304.8495, 340.0244

1.8007

354.7549,
362.5198, 403.8046

■ 0.4143, 0.2433,
0.4284

■ 0.0000, 0.0000,
0.0000

■ 60.7782, 60.6637,
68.8275

■ 60.7782, 60.6637,
68.8275

■ 54.8809, 50.8278,
60.8216

■ 67.4733, 71.9638,
77.5008

■ 49.7449, 42.3880,
53.4614

■ 74.9907, 84.7772,
86.8548

■ 45.3384, 35.2821,
46.7293

■ 80.0510, 92.5420,
95.8041

■ 41.6251, 29.4404,
40.6053

■ 81.6087, 93.1651,
104.0070

■ 38.5656, 24.7869,
35.0683

■ 82.4257, 93.4919,
108.3092

■ 36.1165, 21.2370,
30.0952

■ 34.2284, 18.6950,
25.6609

■ 32.8437, 17.0486,
21.7371

■ 31.8820, 16.1402,
18.2876

Harmonies

Analogous

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



59.8627, 60.6637, 73.0443



60.7782, 60.6637, 68.8275



60.8479, 60.6637, 64.0550

Triad

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



60.7782, 60.6637, 68.8275



56.9573, 60.6637, 57.4830



55.3311, 60.6637, 72.4828

Complementary

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



60.7782, 60.6637, 68.8275



60.0198, 66.4608, 69.3426

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.



54.5836, 60.6637, 68.0910



60.7782, 60.6637, 68.8275



55.5102, 60.6637, 59.5217

Square

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



60.7782, 60.6637, 68.8275



58.6200, 60.6637, 57.6588



54.6484, 60.6637, 63.3530



56.7086, 60.6637, 75.2236

Rectangle

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



60.7782, 60.6637, 68.8275



60.4034, 60.6637, 61.2118



54.6484, 60.6637, 63.3530



54.9990, 60.6637, 71.1418

Sweetspot

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



60.7799, 60.6663, 68.8288



93.0604, 96.6354, 106.3420



59.1746, 59.7214, 74.0552



19.9396, 20.7192, 22.7885



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.



60.7799, 60.6663, 68.8288



86.4699, 85.5450, 97.6997



59.7634, 60.2597, 63.4759



13.3426, 13.1661, 15.0654



19.2444, 9.6988, 10.9331



1.2902, 0.6457, 0.9370

Inverse Universe

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



60.7799, 60.6663, 68.8288



86.4699, 85.5450, 97.6997



61.0850, 66.8869, 74.9519



13.3426, 13.1661, 15.0654



19.2444, 9.6988, 10.9331



1.2902, 0.6457, 0.9370

Previews

White Background



This preview shows how the XYZ color 60.7782, 60.6637, 68.8275 looks on a white background.

Color Contrast Check

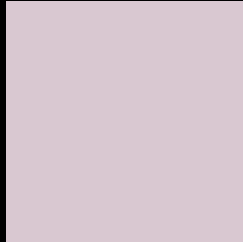
Large Text (above 18pt) WCAG AA × Fail

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 60.7782, 60.6637, 68.8275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

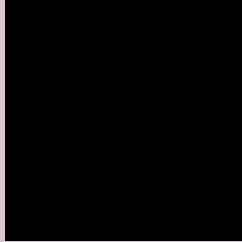
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.7782, 60.6637, 68.8275

Background



This preview shows how black text looks on a background with the XYZ color 60.7782, 60.6637, 68.8275.



This preview shows how white text looks on a background with the XYZ color 60.7782, 60.6637,

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

60.7782, 60.6637, 68.8275

Protanopia

58.5674, 60.5368, 70.2260

Deuteranopia

61.8269, 60.5212, 68.7447



Tritanopia

61.6026, 60.6586, 72.7514

Trichromacy



Original Color

60.7782, 60.6637, 68.8275

Protanomaly

59.3317, 60.5958, 69.5418

Deuteranomaly

61.4472, 60.6659, 68.7927

Tritanomaly

61.3471, 60.5564, 71.4060

Monochromacy



Original Color

60.7782, 60.6637, 68.8275

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

59.4337, 61.3924, 67.7489

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.7782, 60.6637, 68.8275 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(217, 200, 209) looks like.

```
.text, #text, p{  
    color:rgb(217, 200, 209)  
}
```

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(217, 200, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 200, 209) }
```

Border

The CSS property to change the border of an element to XYZ 60.7782, 60.6637, 68.8275 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(217, 200, 209) }
```


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

```
.border{ border-color:rgb(217, 200, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 200, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 200, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 200, 209);  
box-shadow:4px 4px 4px 4px rgb(217, 200,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7782, 60.6637, 68.8275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 200, 209) }
```

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

```
.background{ background-color: rgb(217,  
200, 209) }
```

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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