

Converting Colors

XYZ(60.9489, 56.5935, 76.8222)

Have a look what the booklet for
XYZ(60.9489, 56.5935, 76.8222)
contains.

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Color

**XYZ(60.9868, 56.6125,
76.8202)**

Conversions

Conversions Part 1

Format	Color
Hex	DDBCDE
RGB	221, 188, 222
RGB Percent	87%, 74%, 87%
CMY	0.1333, 0.2627, 0.1294
CMYK	0.00, 0.15, 0.00, 0.13
HSL	298°, 34%, 80%
HSV	298°, 15%, 87%
XYZ	60.9868, 56.6125, 76.8202
YIQ	201.7430, 8.7540, 17.5700

Conversions

Conversions Part 2

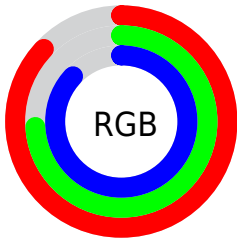
Format	Color
R _Y B	221, 188, 222
Decimal	14531806
CIE Lab	79.96, 17.63, -12.60
CIE LCh	80, 21.669, 324.455
Yxy	56.6125, 0.3137, 0.2912
Android (android.graphics.Color)	4292721886 (0xFFDDBCDE)
YUV	201.7430, 9.9867, 16.8884
Hunter-Lab	75.2413, 13.0109, -7.8653

Details

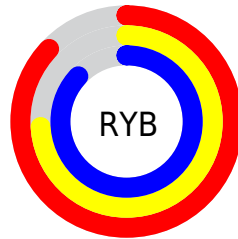
The XYZ color **60.9868, 56.6125, 76.8202** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **56.1867, 66.6937, 57.4916**, and the grayscale version is **55.9162, 58.8282, 64.0640**.

A 20% lighter version of the original color is **91.6407, 93.1814, 107.7636**, and **31.3649, 28.2250, 40.3541** is the 20% darker color. If you saturate the color by 10%, you get **56.4066, 47.7456, 75.3510**, and if you desaturate by 10%, it is **66.3007, 66.9436, 78.5351**.

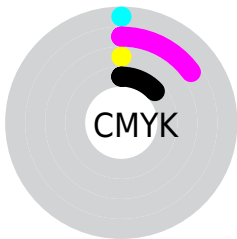
Distribution



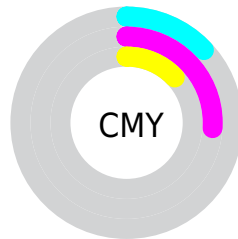
- Red (87%)
- Green (74%)
- Blue (87%)



- Red (87%)
- Yellow (74%)
- Blue (87%)



- Cyan (0%)
- Magenta (15%)
- Yellow (0%)
- Black (13%)




- Cyan (13%)
- Magenta (26%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.9868, 56.6125, 76.8202 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 60.9868, 56.6125, 76.8202 by changing the saturation by 10% instead.


 60.9868, 56.6125,
76.8202

 60.9868, 56.6125,
76.8202


418.0023,
411.9957, 503.5722

 44.4670, 40.6942,
56.5946


 105.3580, 99.8996,
130.6563

 31.2373, 28.0802,
40.2727


133.9402,
128.0371, 165.1040

 20.9323, 18.3861,
27.4358


167.2739,
161.0165, 205.1294

 13.1867, 11.2276,
17.6655

205.7244,
199.2223, 251.1512

 7.6351, 6.2201,
10.5431

249.6572,
243.0386, 303.5878

 3.9122, 2.9794,
5.6502

299.4375,

 1.6526, 1.1210,

292.8501, 362.8578

2.5683

355.4308,
349.0410, 429.3797

■ 0.4263, 0.0000,
0.8760

■ 0.0000, 0.0000,
0.0000

■ 60.9868, 56.6125,
76.8202

■ 60.9868, 56.6125,
76.8202

■ 56.4066, 47.7456,
75.3510

■ 66.3007, 66.9436,
78.5351

■ 52.5216, 40.2692,
74.1126

■ 72.3742, 78.7938,
80.5023

■ 49.2979, 34.1140,
73.0945

■ 79.2383, 92.2241,
82.7328

■ 46.6964, 29.2021,
72.2835

■ 79.5656, 92.5795,
82.7842

44.6740, 25.4473,
71.6653

79.7679, 92.6838,
82.7936

43.1821, 22.7524,
71.2238

79.9710, 92.7885,
82.8031

42.1644, 21.0045,
70.9401

80.1748, 92.8936,
82.8127

41.5513, 20.0651,
70.7910

80.3795, 92.9991,
82.8223

41.3482, 19.7927,
70.7492

80.5849, 93.1050,
82.8319

Harmonies

Analogous

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



57.3858, 56.6125, 86.4206



60.9868, 56.6125, 76.8202



62.6721, 56.6125, 64.0113

Triad

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



60.9868, 56.6125, 76.8202



54.6298, 56.6125, 40.5413



46.4718, 56.6125, 72.2211

Complementary

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



60.9868, 56.6125, 76.8202



56.1867, 66.6937, 57.4916

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.



45.8227, 56.6125, 59.3307



60.9868, 56.6125, 76.8202



50.3830, 56.6125, 42.1189

Square

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



60.9868, 56.6125, 76.8202



58.8759, 56.6125, 43.9605



47.2168, 56.6125, 48.6065



49.0405, 56.6125, 83.5222

Rectangle

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



60.9868, 56.6125, 76.8202



62.4199, 56.6125, 55.7912



47.2168, 56.6125, 48.6065



46.0279, 56.6125, 67.8868

Sweetspot

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



60.9885, 56.6150, 76.8214



90.9788, 92.0621, 107.5824



52.1526, 52.4207, 76.4776



19.3553, 19.4754, 22.9890



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.



60.9885, 56.6150, 76.8214



81.6201, 73.8749, 104.5652



59.2660, 55.9612, 66.1573



14.2531, 13.9140, 17.3221



24.5772, 11.7653, 42.0239



1.7163, 0.8221, 2.9135

Inverse Universe

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



57.2947, 55.1727, 55.7765



75.7540, 71.5856, 71.0918



57.7454, 67.2886, 66.9895



13.7235, 13.7070, 14.3141



17.9215, 9.2356, 0.9867



1.2481, 0.6425, 0.0992

Previews

White Background



This preview shows how the XYZ color 60.9868, 56.6125, 76.8202 looks on a white background.

Color Contrast Check

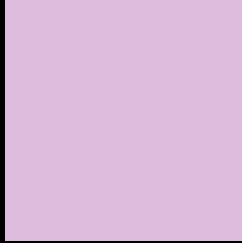
Large Text (above 18pt) WCAG AA × Fail

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 60.9868, 56.6125, 76.8202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

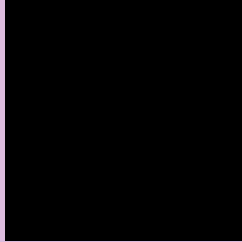
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.9868, 56.6125, 76.8202

Background



This preview shows how black text looks on a background with the XYZ color 60.9868, 56.6125, 76.8202.



This preview shows how white text looks on a background with the XYZ color 60.9868, 56.6125,

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

60.9868, 56.6125, 76.8202

Protanopia

55.9622, 56.8714, 81.4265

Deuteranopia

57.8532, 56.6258, 76.2873



Tritanopia

58.9848, 56.7779, 66.2429

Trichromacy



Original Color

60.9868, 56.6125, 76.8202

Protanomaly

57.6479, 56.7711, 79.8710

Deuteranomaly

58.8333, 56.4791, 76.2073

Tritanomaly

59.8123, 56.7960, 70.0976

Monochromacy



Original Color

60.9868, 56.6125, 76.8202

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

57.7694, 58.0913, 68.4896

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.9868, 56.6125, 76.8202 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(221, 188, 222)` looks like.

```
.text, #text, p{  
    color:rgb(221, 188, 222)  
}
```

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(221, 188, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 188, 222) }
```

Border

The CSS property to change the border of an element to XYZ 60.9868, 56.6125, 76.8202 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(221, 188, 222) }
```


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

```
.border{ border-color:rgb(221, 188, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 188, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 188, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 188, 222);  
box-shadow:4px 4px 4px 4px rgb(221, 188,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 60.9868, 56.6125, 76.8202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 188, 222) }
```

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

```
.background{ background-color: rgb(221,  
188, 222) }
```

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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