

Converting Colors

XYZ(61.1230, 56.8669, 76.7568)

Have a look what the booklet for
XYZ(61.1230, 56.8669, 76.7568)
contains.

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Color

**XYZ(61.2012, 57.0413,
76.8917)**

Conversions

Conversions Part 1

Format	Color
Hex	DDBDDE
RGB	221, 189, 222
RGB Percent	87%, 74%, 87%
CMY	0.1333, 0.2588, 0.1294
CMYK	0.00, 0.15, 0.00, 0.13
HSL	298°, 33%, 81%
HSV	298°, 15%, 87%
XYZ	61.2012, 57.0413, 76.8917
YIQ	202.3300, 8.4790, 17.0470

Conversions

Conversions Part 2

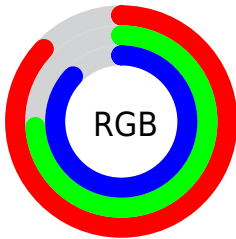
Format	Color
R_{YB}	221, 189, 222
Decimal	14532062
CIE _{Lab}	80.20, 17.09, -12.24
CIE _{LCh}	80, 21.022, 324.406
Yxy	57.0413, 0.3136, 0.2923
Android (android.graphics.Color)	4292722142 (0xFFDDBDDE)
YUV	202.3300, 9.6973, 16.3736
Hunter-Lab	75.5257, 12.4750, -7.4944

Details

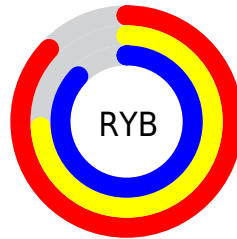
The XYZ color **61.2012, 57.0413, 76.8917** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **56.5439, 66.8654, 58.0732**, and the grayscale version is **56.2841, 59.2153, 64.4854**.

A 20% lighter version of the original color is **91.9424, 93.7848, 107.8641**, and **31.5051, 28.5053, 40.4008** is the 20% darker color. If you saturate the color by 10%, you get **56.5828, 48.1070, 75.4115**, and if you desaturate by 10%, it is **66.5548, 67.4428, 78.6181**.

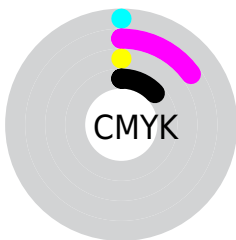
Distribution



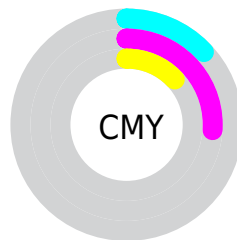
- Red (87%)
- Green (74%)
- Blue (87%)



- 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 61.2012, 57.0413, 76.8917 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 61.2012, 57.0413, 76.8917 by changing the saturation by 10% instead.

61.2012, 57.0413,
76.8917

61.2012, 57.0413,
76.8917

418.7755,
413.6040, 503.8226

44.6407, 41.0384,
56.6530

105.6667,
100.5254, 130.7582

31.3746, 28.3491,
40.3192

134.3024,
128.7755, 165.2231

21.0375, 18.5890,
27.4718

167.6939,
161.8767, 205.2670

13.2640, 11.3737,
17.6923

206.2065,
200.2135, 251.3087

7.6889, 6.3188,
10.5622

250.2056,
244.1702, 303.7665

3.9466, 3.0399,
5.6628

300.0566,

1.6720, 1.1526,

294.1313, 363.0590

2.5757

356.1247,
350.4811, 429.6049

■ 0.4386, 0.0225,
0.8799

■ 0.0000, 0.0000,
0.0000

■ 61.2012, 57.0413,
76.8917

■ 61.2012, 57.0413,
76.8917

■ 56.5828, 48.1070,
75.4115

■ 66.5548, 67.4428,
78.6181

■ 52.6613, 40.5663,
74.1626

■ 72.6694, 79.3661,
80.5972

■ 49.4027, 34.3501,
73.1346

■ 79.3824, 92.4851,
82.7756

■ 46.7682, 29.3810,
72.3143

■ 79.5902, 92.5922,
82.7854

44.7149, 25.5730,
71.6875

79.7987, 92.6997,
82.7951

43.1945, 22.8298,
71.2381

80.0081, 92.8076,
82.8049

42.1511, 21.0390,
70.9475

80.2183, 92.9160,
82.8147

41.5159, 20.0638,
70.7927

80.4293, 93.0248,
82.8246

41.2898, 19.7626,
70.7465

80.6412, 93.1340,
82.8345

Harmonies

Analogous

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



57.6950, 57.0413, 86.1901



61.2012, 57.0413, 76.8917



62.8433, 57.0413, 64.4388

Triad

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



61.2012, 57.0413, 76.8917



55.0238, 57.0413, 41.4459



47.0486, 57.0413, 72.3857

Complementary

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



61.2012, 57.0413, 76.8917



56.5439, 66.8654, 58.0732

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.



46.4169, 57.0413, 59.8347



61.2012, 57.0413, 76.8917



50.8799, 57.0413, 42.9903

Square

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



61.2012, 57.0413, 76.8917



59.1583, 57.0413, 44.8168



47.7837, 57.0413, 49.3526



49.5570, 57.0413, 83.3577

Rectangle

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



61.2012, 57.0413, 76.8917



62.6009, 57.0413, 56.4165



47.7837, 57.0413, 49.3526



46.6155, 57.0413, 68.1706

Sweetspot

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



61.2029, 57.0438, 76.8929



91.7683, 93.6053, 107.8387



52.6087, 52.9659, 76.5588



19.5142, 19.7861, 23.0405



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.



61.2029, 57.0438, 76.8929



81.6051, 73.8672, 104.5645



59.5373, 56.4128, 66.5282



14.2518, 13.9134, 17.3221



24.5430, 11.7477, 42.0223



1.7143, 0.8210, 2.9134

Inverse Universe

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



57.6181, 55.6451, 56.4219



75.7591, 71.5877, 71.1188



58.0567, 67.4417, 67.3383



13.7240, 13.7072, 14.3167



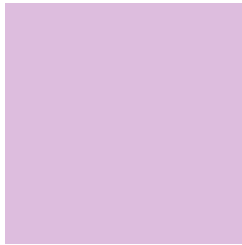
17.9224, 9.2360, 0.9912



1.2483, 0.6426, 0.1004

Previews

White Background



This preview shows how the XYZ color 61.2012, 57.0413, 76.8917 looks on a white background.

Color Contrast Check

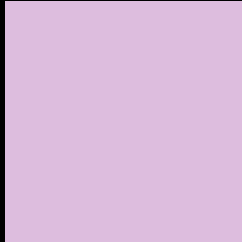
Large Text (above 18pt) WCAG AA × Fail

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 61.2012, 57.0413, 76.8917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

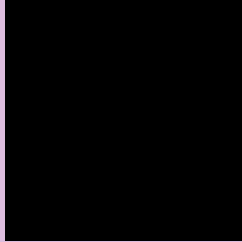
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.2012, 57.0413, 76.8917

Background



This preview shows how black text looks on a background with the XYZ color 61.2012, 57.0413, 76.8917.



This preview shows how white text looks on a background with the XYZ color 61.2012, 57.0413,

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

61.2012, 57.0413, 76.8917

Protanopia

56.3073, 57.4036, 80.7853

Deuteranopia

58.3554, 57.2139, 76.3743



Tritanopia

59.3255, 57.2643, 66.9578

Trichromacy



Original Color

61.2012, 57.0413, 76.8917

Protanomaly

58.0076, 57.3038, 79.2376

Deuteranomaly

59.3414, 57.0659, 76.2938

Tritanomaly

60.0297, 57.2307, 70.1701

Monochromacy



Original Color

61.2012, 57.0413, 76.8917

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 61.2012, 57.0413, 76.8917 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, 189, 222)` looks like.

```
.text, #text, p{  
    color:rgb(221, 189, 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, 189, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 189, 222) }
```

Border

The CSS property to change the border of an element to XYZ 61.2012, 57.0413, 76.8917 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, 189, 222) }
```


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

```
.border{ border-color:rgb(221, 189, 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, 189, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 189, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 189, 222);  
box-shadow:4px 4px 4px 4px rgb(221, 189,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 61.2012, 57.0413, 76.8917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 189, 222) }
```

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

```
.background{ background-color: rgb(221,  
189, 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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