

Converting Colors

XYZ(65.8743, 61.5656, 78.3812)

Have a look what the booklet for
XYZ(65.8743, 61.5656, 78.3812)
contains.

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Color

**XYZ(66.0142, 61.7965,
78.2606)**

Conversions

Conversions Part 1

Format	Color
Hex	E7C4DF
RGB	231, 196, 223
RGB Percent	91%, 77%, 87%
CMY	0.0941, 0.2314, 0.1255
CMYK	0.00, 0.15, 0.03, 0.09
HSL	314°, 42%, 84%
HSV	314°, 15%, 91%
XYZ	66.0142, 61.7965, 78.2606
YIQ	209.5430, 12.1930, 15.8170

Conversions

Conversions Part 2

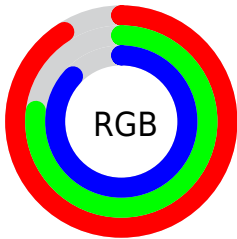
Format	Color
R _Y B	231, 196, 223
Decimal	15189215
CIE Lab	82.81, 16.91, -8.80
CIE LCh	83, 19.064, 332.511
Yxy	61.7965, 0.3203, 0.2999
Android (android.graphics.Color)	4293379295 (0xFFE7C4DF)
YUV	209.5430, 6.6343, 18.8178
Hunter-Lab	78.6107, 12.3284, -3.9984

Details

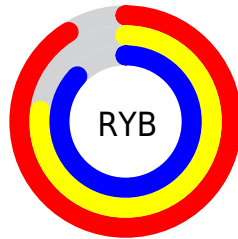
The XYZ color **66.0142, 61.7965, 78.2606** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **62.2424, 73.2489, 67.9881**, and the grayscale version is **60.9130, 64.0852, 69.7888**.

A 20% lighter version of the original color is **94.4153, 98.7306, 108.6884**, and **34.4201, 31.2871, 41.2707** is the 20% darker color. If you saturate the color by 10%, you get **60.4992, 51.8873, 72.9647**, and if you desaturate by 10%, it is **72.3572, 73.3244, 83.9435**.

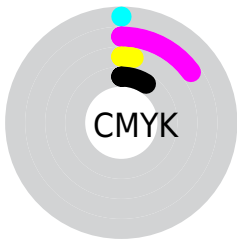
Distribution



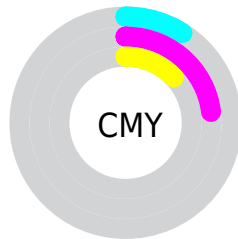
- Red (91%)
- Green (77%)
- Blue (87%)



- Red (91%)
- Yellow (77%)
- Blue (87%)



- Cyan (0%)
- Magenta (15%)
- Yellow (3%)
- Black (9%)



- Cyan (9%)
- Magenta (23%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.0142, 61.7965, 78.2606 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 66.0142, 61.7965, 78.2606 by changing the saturation by 10% instead.

66.0142, 61.7965,
78.2606

66.0142, 61.7965,
78.2606

435.9155,
431.1884, 508.6028

48.5517, 44.8683,
57.7704

112.5643,
107.4314, 132.7066

34.4770, 31.3537,
41.2106

142.3826,
136.9068, 167.4995

23.4249, 20.8683,
28.1627

177.0503,
171.3334, 207.8970

15.0300, 13.0278,
18.2083

216.9326,
211.0957, 254.3177

8.9269, 7.4477,
10.9286

262.3949,
256.5779, 307.1800

4.7503, 3.7436,
5.9053

313.8026,

2.1347, 1.5312,

308.1645, 366.9026

2.7197

371.5210,
366.2399, 433.9040

■ 0.7080, 0.3105,
0.9533

■ 0.0000, 0.0000,
0.0000

■ 66.0142, 61.7965,
78.2606

■ 66.0142, 61.7965,
78.2606

■ 60.4992, 51.8873,
72.9647

■ 72.3572, 73.3244,
83.9435

■ 55.7699, 43.5154,
68.0386

■ 79.5573, 86.5313,
90.0220

■ 51.7887, 36.6046,
63.4694

■ 84.2723, 94.7319,
95.3835

■ 48.5123, 31.0689,
59.2417

■ 85.0634, 95.0483,
99.5496

45.8932, 26.8135,
55.3387

85.8775, 95.3740,
103.8366

43.8775, 23.7311,
51.7413

86.7148, 95.7089,
108.2458

42.4030, 21.6974,
48.4278

86.7654, 95.7291,
108.5123

41.3929, 20.5594,
45.3714

41.0108, 20.2113,
43.9615

Harmonies

Analogous

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



63.0777, 61.7965, 88.1894



66.0142, 61.7965, 78.2606



66.9733, 61.7965, 66.3013

Triad

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



66.0142, 61.7965, 78.2606



58.3909, 61.7965, 47.1474



52.3322, 61.7965, 80.1714

Complementary

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



66.0142, 61.7965, 78.2606



62.2424, 73.2489, 67.9881

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.



51.2029, 61.7965, 68.2802



66.0142, 61.7965, 78.2606



54.5977, 61.7965, 49.9777

Square

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



66.0142, 61.7965, 78.2606



62.4522, 61.7965, 49.1706



52.0129, 61.7965, 57.3884



55.1697, 61.7965, 89.3798

Rectangle

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



66.0142, 61.7965, 78.2606



66.3277, 61.7965, 59.0028



52.0129, 61.7965, 57.3884



51.7463, 61.7965, 76.3100

Sweetspot

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



66.0160, 61.7992, 78.2619



90.6508, 91.9469, 105.1361



58.9541, 58.0311, 83.6962



19.2754, 19.4473, 22.3924



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.



66.0160, 61.7992, 78.2619



80.4713, 73.4725, 95.9326



63.8275, 60.9238, 66.7375



14.8467, 14.5559, 17.3933



23.0404, 11.3504, 24.9056



1.7371, 0.8526, 2.0223

Inverse Universe

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



66.0160, 61.7992, 78.2619



80.4713, 73.4725, 95.9326



64.4052, 74.1141, 79.3775



14.8467, 14.5559, 17.3933



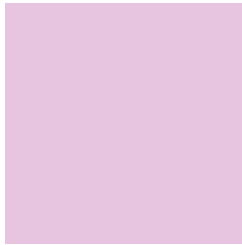
23.0404, 11.3504, 24.9056



1.7371, 0.8526, 2.0223

Previews

White Background



This preview shows how the XYZ color 66.0142, 61.7965, 78.2606 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 66.0142, 61.7965, 78.2606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

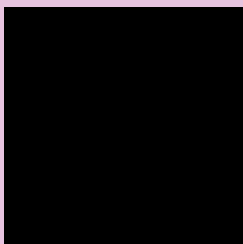
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.0142, 61.7965, 78.2606

Background



This preview shows how black text looks on a background with the XYZ color 66.0142, 61.7965, 78.2606.



This preview shows how white text looks on a background with the XYZ color 66.0142, 61.7965,

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

66.0142, 61.7965, 78.2606

Protanopia

60.6028, 62.0163, 82.9050

Deuteranopia

63.0525, 61.6425, 77.6822



Tritanopia

64.8375, 62.0153, 71.5036

Trichromacy



Original Color

66.0142, 61.7965, 78.2606

Protanomaly

62.4262, 61.9332, 81.3371

Deuteranomaly

64.0397, 61.8087, 77.6623

Tritanomaly

65.1238, 61.7653, 74.1351

Monochromacy



Original Color

66.0142, 61.7965, 78.2606

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

63.0105, 63.4744, 73.2207

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.0142, 61.7965, 78.2606 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(231, 196, 223)` looks like.

```
.text, #text, p{  
    color:rgb(231, 196, 223)  
}
```

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(231, 196, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 196, 223) }
```

Border

The CSS property to change the border of an element to XYZ 66.0142, 61.7965, 78.2606 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(231, 196, 223) }
```


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

```
.border{ border-color:rgb(231, 196, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 196, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 196, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 196, 223);  
box-shadow:4px 4px 4px 4px rgb(231, 196,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 66.0142, 61.7965, 78.2606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 196, 223) }
```

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

```
.background{ background-color: rgb(231,  
196, 223) }
```

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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