

Converting Colors

XYZ(66.5434, 62.1630, 78.5159)

Have a look what the booklet for
XYZ(66.5434, 62.1630, 78.5159)
contains.

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Color

**XYZ(66.3379, 61.9634,
78.2758)**

Conversions

Conversions Part 1

Format	Color
Hex	E8C4DF
RGB	232, 196, 223
RGB Percent	91%, 77%, 87%
CMY	0.0902, 0.2314, 0.1255
CMYK	0.00, 0.16, 0.04, 0.09
HSL	315°, 44%, 84%
HSV	315°, 16%, 91%
XYZ	66.3379, 61.9634, 78.2758
YIQ	209.8420, 12.7890, 16.0290

Conversions

Conversions Part 2

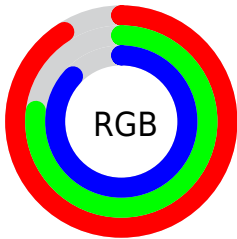
Format	Color
R _Y B	232, 196, 223
Decimal	15254751
CIE Lab	82.89, 17.25, -8.66
CIE LCh	83, 19.302, 333.349
Yxy	61.9634, 0.3211, 0.3000
Android (android.graphics.Color)	4293444831 (0xFFE8C4DF)
YUV	209.8420, 6.4869, 19.4326
Hunter-Lab	78.7168, 12.6748, -3.8560

Details

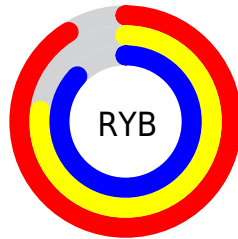
The XYZ color **66.3379, 61.9634, 78.2758** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **62.6434, 73.8584, 68.7154**, and the grayscale version is **61.1094, 64.2919, 70.0138**.

A 20% lighter version of the original color is **94.4153, 98.7306, 108.6884**, and **34.6454, 31.4033, 41.2812** is the 20% darker color. If you saturate the color by 10%, you get **60.7359, 51.9888, 72.6163**, and if you desaturate by 10%, it is **72.7795, 73.5725, 84.3488**.

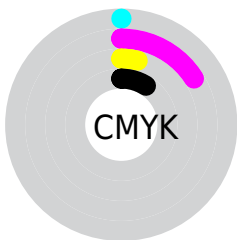
Distribution



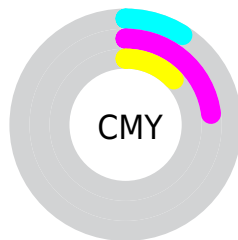
- Red (91%)
- Green (77%)
- Blue (87%)



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



- Cyan (0%)
- Magenta (16%)
- Yellow (4%)
- Black (9%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.3379, 61.9634, 78.2758 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 66.3379, 61.9634, 78.2758 by changing the saturation by 10% instead.

66.3379, 61.9634,
78.2758

66.3379, 61.9634,
78.2758

437.0540,
431.7976, 508.6557

48.8155, 45.0031,
57.7828

113.0262,
107.6726, 132.7282

34.6871, 31.4599,
41.2205

142.9228,
137.1904, 167.5247

23.5873, 20.9493,
28.1704

177.6748,
171.6627, 207.9262

15.1508, 13.0869,
18.2140

217.6477,
211.4741, 254.3510

9.0123, 7.4884,
10.9327

263.2066,
257.0089, 307.2178

4.8064, 3.7694,
5.9080

314.7171,

2.1677, 1.5454,

308.6515, 366.9452

2.7213

372.5444,
366.7862, 433.9516

■ 0.7256, 0.3204,
0.9541

■ 0.0000, 0.0000,
0.0000

■ 66.3379, 61.9634,
78.2758

■ 66.3379, 61.9634,
78.2758

■ 60.7359, 51.9888,
72.6163

■ 72.7795, 73.5725,
84.3488

■ 55.9306, 43.5662,
67.3525

■ 80.0901, 86.8773,
90.8443

■ 51.8838, 36.6183,
62.4711

■ 84.8273, 94.9913,
96.6168

■ 48.5516, 31.0581,
57.9562

■ 85.7050, 95.3423,
101.2387

45.8855, 26.7890,
53.7902

86.6105, 95.7046,
106.0072

43.8310, 23.7024,
49.9535

87.0891, 95.8960,
108.5274

42.3245, 21.6714,
46.4235

41.2876, 20.5401,
43.1728

40.9186, 20.2118,
41.7863

Harmonies

Analogous

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



63.4028, 61.9634, 88.4740



66.3379, 61.9634, 78.2758



67.2474, 61.9634, 66.1381

Triad

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



66.3379, 61.9634, 78.2758



58.4283, 61.9634, 47.0820



52.4610, 61.9634, 80.8633

Complementary

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



66.3379, 61.9634, 78.2758



62.6434, 73.8584, 68.7154

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.



51.2633, 61.9634, 68.8148



66.3379, 61.9634, 78.2758



54.6049, 61.9634, 50.0809

Square

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



66.3379, 61.9634, 78.2758



62.5563, 61.9634, 48.9917



52.0295, 61.9634, 57.7031



55.3781, 61.9634, 90.0872

Rectangle

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



66.3379, 61.9634, 78.2758



66.5491, 61.9634, 58.7882



52.0295, 61.9634, 57.7031



51.8503, 61.9634, 76.9618

Sweetspot

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



66.3397, 61.9661, 78.2771



90.6075, 91.9296, 104.9081



59.4849, 58.2884, 84.4604



19.2648, 19.4431, 22.3369



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.



66.3397, 61.9661, 78.2771



79.6044, 72.1321, 94.4312



64.0402, 61.0463, 66.1682



14.8330, 14.5504, 17.3212



22.7691, 11.2418, 23.4767



1.7191, 0.8454, 1.9274

Inverse Universe

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



66.3397, 61.9661, 78.2771



79.6044, 72.1321, 94.4312



64.9429, 74.7782, 80.8244



14.8330, 14.5504, 17.3212



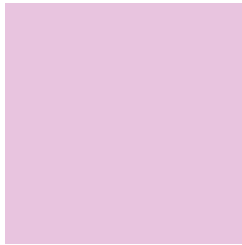
22.7691, 11.2418, 23.4767



1.7191, 0.8454, 1.9274

Previews

White Background



This preview shows how the XYZ color 66.3379, 61.9634, 78.2758 looks on a white background.

Color Contrast Check

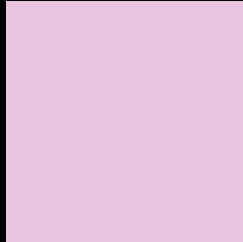
Large Text (above 18pt) WCAG AA × Fail

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 66.3379, 61.9634, 78.2758 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 66.3379, 61.9634, 78.2758

Background



This preview shows how black text looks on a background with the XYZ color 66.3379, 61.9634, 78.2758.



This preview shows how white text looks on a background with the XYZ color 66.3379, 61.9634,

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

66.3379, 61.9634, 78.2758

Protanopia

60.8760, 62.1572, 82.9178

Deuteranopia

63.5867, 62.2629, 77.7738



Tritanopia

65.1593, 62.1812, 71.5187

Trichromacy



Original Color

66.3379, 61.9634, 78.2758

Protanomaly

62.7172, 62.0833, 81.3508

Deuteranomaly

64.3487, 61.9681, 77.6767

Tritanomaly

65.4456, 61.9312, 74.1502

Monochromacy



Original Color

66.3379, 61.9634, 78.2758

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 66.3379, 61.9634, 78.2758 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(232, 196, 223)` looks like.

```
.text, #text, p{  
    color:rgb(232, 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(232, 196, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 196, 223) }
```

Border

The CSS property to change the border of an element to XYZ 66.3379, 61.9634, 78.2758 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(232, 196, 223) }
```


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

```
.border{ border-color:rgb(232, 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(232, 196, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 196, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 196, 223);  
box-shadow:4px 4px 4px 4px rgb(232, 196,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 66.3379, 61.9634, 78.2758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 196, 223) }
```

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

```
.background{ background-color: rgb(232,  
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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