

Converting Colors

XYZ(66.8682, 57.6771, 80.2820)

Have a look what the booklet for
XYZ(66.8682, 57.6771, 80.2820)
contains.

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Color

**XYZ(66.8687, 57.7027,
80.2864)**

Conversions

Conversions Part 1

Format	Color
Hex	F1B6E3
RGB	241, 182, 227
RGB Percent	95%, 71%, 89%
CMY	0.0549, 0.2863, 0.1098
CMYK	0.00, 0.24, 0.06, 0.05
HSL	314°, 68%, 83%
HSV	314°, 24%, 95%
XYZ	66.8687, 57.7027, 80.2864
YIQ	204.7710, 20.7190, 26.5030

Conversions

Conversions Part 2

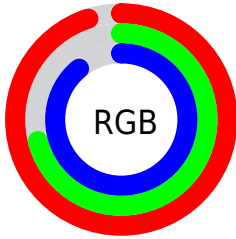
Format	Color
R _Y B	241, 182, 227
Decimal	15840995
CIE Lab	80.57, 28.43, -14.18
CIE LCh	81, 31.774, 333.494
Yxy	57.7027, 0.3264, 0.2817
Android (android.graphics.Color)	4294031075 (0xFFFF1B6E3)
YUV	204.7710, 10.9589, 31.7728
Hunter-Lab	75.9623, 24.1974, -9.4914

Details

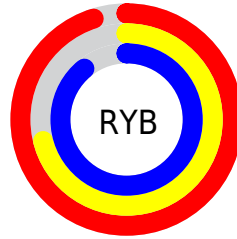
The XYZ color **66.8687, 57.7027, 80.2864** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **60.7128, 76.8429, 63.8602**, and the grayscale version is **57.8077, 60.8182, 66.2310**.

A 20% lighter version of the original color is **89.8645, 89.6291, 107.1715**, and **35.0638, 28.8694, 42.7540** is the 20% darker color. If you saturate the color by 10%, you get **61.5755, 48.3579, 74.6924**, and if you desaturate by 10%, it is **73.0409, 68.7617, 86.3041**.

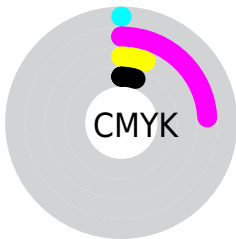
Distribution



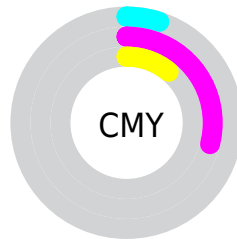
- Red (95%)
- Green (71%)
- Blue (89%)



- Red (95%)
- Yellow (71%)
- Blue (89%)



- Cyan (0%)
- Magenta (24%)
- Yellow (6%)
- Black (5%)



- Cyan (5%)
- Magenta (29%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.8687, 57.7027, 80.2864 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 66.8687, 57.7027, 80.2864 by changing the saturation by 10% instead.

66.8687, 57.7027,
80.2864

66.8687, 57.7027,
80.2864

438.9171,
416.0772, 515.6297

49.2482, 41.5697,
59.4265

113.7831,
101.4898, 135.5834

35.0318, 28.7645,
42.5343

143.8077,
129.9127, 170.8575

23.8540, 18.9027,
29.1912

178.6978,
163.2009, 211.7735

15.3495, 11.6000,
18.9787

218.8186,
201.7390, 258.7498

9.1529, 6.4719,
11.4782

264.5357,
245.9113, 312.2051

4.8990, 3.1341,
6.2713


316.2142,


2.2223, 1.2021,


296.1021, 372.5578


2.9393


374.2195,
352.6960, 440.2265


 0.7544, 0.0635,
1.0637


 0.0000, 0.0000,
0.0000

 66.8687, 57.7027,
80.2864

 66.8687, 57.7027,
80.2864


 61.5755, 48.3579,
74.6924


 73.0409, 68.7617,
86.3041


 57.1125, 40.6327,
69.5025

 80.1275, 81.6081,
92.7566

 53.4336, 34.4347,
64.7010

 88.1683, 96.3202,
99.6590

 50.4864, 29.6593,
60.2689

 89.2722, 97.1155,
104.3820

■ 48.2118, 26.1886,
56.1854

■ 90.0861, 97.4410,
108.6677

■ 46.5410, 23.8857,
52.4261

■ 45.3900, 22.5831,
48.9618

■ 44.9079, 22.1537,
47.1521

Harmonies

Analogous

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



62.0714, 57.7027, 97.8501



66.8687, 57.7027, 80.2864



68.3596, 57.7027, 60.6618

Triad

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



66.8687, 57.7027, 80.2864



54.0828, 57.7027, 33.3314



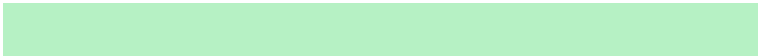
45.0238, 57.7027, 84.8409

Complementary

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



66.8687, 57.7027, 80.2864



60.7128, 76.8429, 63.8602

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.



43.2399, 57.7027, 65.0461



66.8687, 57.7027, 80.2864



48.2019, 57.7027, 37.3535

Square

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



66.8687, 57.7027, 80.2864



60.6427, 57.7027, 35.8249



44.3561, 57.7027, 48.1046



49.4285, 57.7027, 100.8250

Rectangle

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



66.8687, 57.7027, 80.2864



67.1876, 57.7027, 49.5528



44.3561, 57.7027, 48.1046



44.1143, 57.7027, 78.2856

Sweetspot

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



66.8704, 57.7053, 80.2876



88.9430, 88.8654, 103.5368



55.3119, 51.5142, 90.2481



18.9301, 18.8258, 22.0647



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.



66.8704, 57.7053, 80.2876



73.1261, 60.4689, 88.2842



63.1680, 56.2243, 60.7907



16.2845, 15.9635, 19.0544



24.4073, 12.0354, 25.8593



2.0686, 1.0165, 2.3522

Inverse Universe

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



66.8704, 57.7053, 80.2876



73.1261, 60.4689, 88.2842



64.3757, 78.3081, 83.1488



16.2845, 15.9635, 19.0544



24.4073, 12.0354, 25.8593



2.0686, 1.0165, 2.3522

Previews

White Background



This preview shows how the XYZ color 66.8687, 57.7027, 80.2864 looks on a white background.

Color Contrast Check

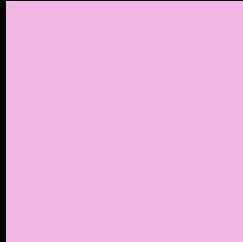
Large Text (above 18pt) WCAG AA × Fail

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 66.8687, 57.7027, 80.2864 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 66.8687, 57.7027, 80.2864

Background



This preview shows how black text looks on a background with the XYZ color 66.8687, 57.7027, 80.2864.



This preview shows how white text looks on a background with the XYZ color 66.8687, 57.7027,

80.2864.

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

66.8687, 57.7027, 80.2864

Protanopia

57.5943, 58.2264, 89.0922

Deuteranopia

59.1181, 57.8764, 79.2896



Tritanopia

63.5728, 57.9348, 63.0902

Trichromacy



Original Color

66.8687, 57.7027, 80.2864



Protanomaly

60.4996, 57.7821, 85.8063



Deuteranomaly

61.6561, 57.5335, 79.8070



Tritanomaly

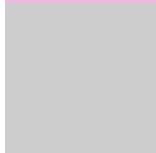
64.5784, 57.7018, 68.7067

Monochromacy



Original Color

66.8687, 57.7027, 80.2864



Achromatopsia

58.0276, 61.0496, 66.4830



Achromatomaly

60.8899, 59.6420, 71.2536

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.8687, 57.7027, 80.2864 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(241, 182, 227)` looks like.

```
.text, #text, p{  
    color:rgb(241, 182, 227)  
}
```

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(241, 182, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 182, 227) }
```

Border

The CSS property to change the border of an element to XYZ 66.8687, 57.7027, 80.2864 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(241, 182, 227) }
```


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

```
.border{ border-color:rgb(241, 182, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 182, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 182, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 182, 227);  
box-shadow:4px 4px 4px 4px rgb(241, 182,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 66.8687, 57.7027, 80.2864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 182, 227) }
```

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

```
.background{ background-color: rgb(241,  
182, 227) }
```

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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