

Converting Colors

XYZ(66.0860, 59.9783, 87.4516)

Have a look what the booklet for
XYZ(66.0860, 59.9783, 87.4516)
contains.

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Color

**XYZ(66.0842, 59.9757,
87.4503)**

Conversions

Conversions Part 1

Format	Color
Hex	E5BFEC
RGB	229, 191, 236
RGB Percent	90%, 75%, 93%
CMY	0.1020, 0.2510, 0.0745
CMYK	0.03, 0.19, 0.00, 0.07
HSL	291°, 54%, 84%
HSV	291°, 19%, 93%
XYZ	66.0842, 59.9757, 87.4503
YIQ	207.4920, 8.2030, 22.0510

Conversions

Conversions Part 2

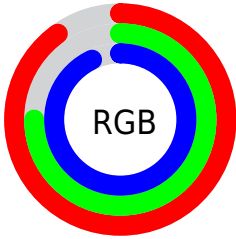
Format	Color
R _Y B	229, 191, 236
Decimal	15056876
CIE Lab	81.82, 21.29, -17.24
CIE LCh	82, 27.399, 320.997
Yxy	59.9757, 0.3095, 0.2809
Android (android.graphics.Color)	4293246956 (0xFFE5BFEC)
YUV	207.4920, 14.0544, 18.8625
Hunter-Lab	77.4440, 16.7900, -12.7399

Details

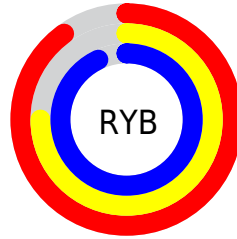
The XYZ color **66.0842, 59.9757, 87.4503** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **62.6902, 75.7597, 60.6121**, and the grayscale version is **59.5354, 62.6359, 68.2105**.

A 20% lighter version of the original color is **92.8574, 95.6148, 108.1691**, and **34.4175, 30.0708, 47.1703** is the 20% darker color. If you saturate the color by 10%, you get **60.1880, 49.9030, 85.8177**, and if you desaturate by 10%, it is **72.8381, 71.7248, 89.3630**.

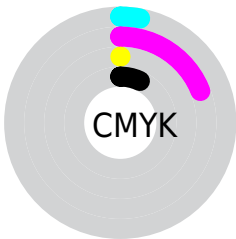
Distribution



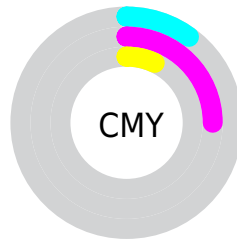
- Red (90%)
- Green (75%)
- Blue (93%)



- Red (90%)
- Yellow (75%)
- Blue (93%)



- Cyan (3%)
- Magenta (19%)
- Yellow (0%)
- Black (7%)



- Cyan (10%)
- Magenta (25%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.0842, 59.9757, 87.4503 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 66.0842, 59.9757, 87.4503 by changing the saturation by 10% instead.

66.0842, 59.9757,
87.4503

66.0842, 59.9757,
87.4503

436.1618,
424.5082, 540.0560

48.6087, 43.3990,
65.3062

112.6642,
104.7944, 145.6960

34.5224, 30.1983,
47.2565

142.4995,
133.8053, 182.6347

23.4600, 19.9892,
32.8826

177.1854,
167.7296, 225.3419

15.0561, 12.3872,
21.7662

217.0873,
206.9519, 274.2363

8.9454, 7.0079,
13.4885

262.5705,
251.8566, 329.7364

4.7624, 3.4671,
7.6311

314.0004,

2.1418, 1.3802,

302.8279, 392.2607

3.7755

371.7424,
360.2503, 462.2277

■ 0.7118, 0.2020,
1.5030

■ 0.0000, 0.0000,
0.2202

■ 66.0842, 59.9757,
87.4503

■ 66.0842, 59.9757,
87.4503

■ 60.1880, 49.9030,
85.8177

■ 72.8381, 71.7248,
89.3630

■ 55.1042, 41.4195,
84.4482


■ 80.4812, 85.2167,
91.5644


■ 50.7915, 34.4420,
83.3287


■ 86.8408, 96.1041,
93.3307


■ 47.2029, 28.8766,
82.4436


■ 88.0999, 96.7532,
93.3896


 44.2860, 24.6185,
81.7755


 89.3844, 97.4154,
93.4497


 41.9809, 21.5486,
81.3044


 90.6945, 98.0907,
93.5110

 40.2169, 19.5255,
81.0069

 92.0301, 98.7793,
93.5735

 38.8858, 18.3329,
80.8468

 92.1405, 98.8362,
93.5787

 38.7706, 18.2380,
80.8346

Harmonies

Analogous

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



61.0804, 59.9757, 99.7492



66.0842, 59.9757, 87.4503



68.7001, 59.9757, 70.4110

Triad

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



66.0842, 59.9757, 87.4503



58.7617, 59.9757, 38.6438



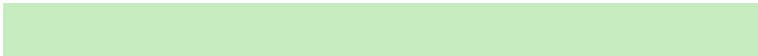
47.2472, 59.9757, 77.3838

Complementary

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



66.0842, 59.9757, 87.4503



62.6902, 75.7597, 60.6121

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.



46.7189, 59.9757, 60.4489



66.0842, 59.9757, 87.4503



53.1152, 59.9757, 39.8697

Square

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



66.0842, 59.9757, 87.4503



64.2887, 59.9757, 43.5622



48.7982, 59.9757, 47.2519



50.2935, 59.9757, 93.2889

Rectangle

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



66.0842, 59.9757, 87.4503



68.6241, 59.9757, 59.4184



48.7982, 59.9757, 47.2519



46.7777, 59.9757, 71.5645

Sweetspot

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



66.0860, 59.9783, 87.4516



89.4916, 90.1751, 107.2966



56.9372, 57.7524, 87.5042



19.0305, 19.0822, 22.9302



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.



66.0860, 59.9783, 87.4516



75.8317, 66.4285, 103.4330



66.2758, 60.3174, 76.5576



15.4713, 15.1882, 19.0384



21.4611, 10.0995, 44.5612



1.7472, 0.8250, 3.5020

Inverse Universe

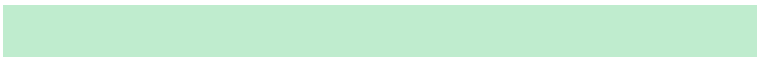
The Inverse Universe completely reimagines the original color for something new.



63.4179, 59.1743, 61.5081



72.1357, 65.3286, 66.8654



62.6239, 75.5250, 69.6720



15.1610, 15.0922, 16.1331



19.2793, 9.9144, 2.0064



1.5429, 0.7901, 0.3104

Previews

White Background



This preview shows how the XYZ color 66.0842, 59.9757, 87.4503 looks on a white background.

Color Contrast Check

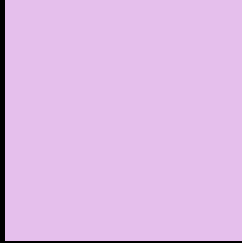
Large Text (above 18pt) WCAG AA × Fail

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 66.0842, 59.9757, 87.4503 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 66.0842, 59.9757, 87.4503

Background



This preview shows how black text looks on a background with the XYZ color 66.0842, 59.9757, 87.4503.



This preview shows how white text looks on a background with the XYZ color 66.0842, 59.9757,

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

66.0842, 59.9757, 87.4503

Protanopia

59.8039, 60.3142, 93.2838

Deuteranopia

61.7133, 60.4003, 87.0030



Tritanopia

62.3243, 59.7409, 69.8743

Trichromacy



Original Color

66.0842, 59.9757, 87.4503

Protanomaly

61.6544, 59.9448, 90.7590

Deuteranomaly

63.0542, 60.0769, 86.8700

Tritanomaly

63.5741, 59.9196, 75.9251

Monochromacy



Original Color

66.0842, 59.9757, 87.4503

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

61.5659, 61.2823, 74.9135

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.0842, 59.9757, 87.4503 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(229, 191, 236)` looks like.

```
.text, #text, p{  
    color:rgb(229, 191, 236)  
}
```

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(229, 191, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 191, 236) }
```

Border

The CSS property to change the border of an element to XYZ 66.0842, 59.9757, 87.4503 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(229, 191, 236) }
```


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

```
.border{ border-color:rgb(229, 191, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 191, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 191, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 191, 236);  
box-shadow:4px 4px 4px 4px rgb(229, 191,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 66.0842, 59.9757, 87.4503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 191, 236) }
```

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

```
.background{ background-color: rgb(229,  
191, 236) }
```

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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