

Converting Colors

XYZ(65.9744, 59.8379, 85.8331)

Have a look what the booklet for
XYZ(65.9744, 59.8379, 85.8331)
contains.

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Color

**XYZ(66.1152, 60.0251,
85.9433)**

Conversions

Conversions Part 1

Format	Color
Hex	E6BFEA
RGB	230, 191, 234
RGB Percent	90%, 75%, 92%
CMY	0.0980, 0.2510, 0.0823
CMYK	0.02, 0.18, 0.00, 0.08
HSL	294°, 51%, 83%
HSV	294°, 18%, 92%
XYZ	66.1152, 60.0251, 85.9433
YIQ	207.5630, 9.4410, 21.6410

Conversions

Conversions Part 2

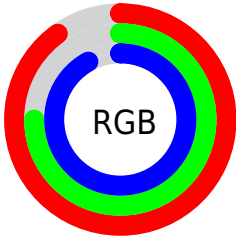
Format	Color
R _Y B	230, 191, 234
Decimal	15122410
CIE Lab	81.85, 21.25, -16.12
CIE LCh	82, 26.671, 322.805
Yxy	60.0251, 0.3117, 0.2830
Android (android.graphics.Color)	4293312490 (0xFFE6BFEA)
YUV	207.5630, 13.0334, 19.6772
Hunter-Lab	77.4759, 16.7429, -11.5368

Details

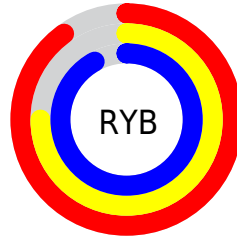
The XYZ color **66.1152, 60.0251, 85.9433** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **61.3346, 74.2109, 60.3847**, and the grayscale version is **59.5871, 62.6903, 68.2697**.

A 20% lighter version of the original color is **92.8574, 95.6148, 108.1691**, and **34.4371, 30.1043, 46.1152** is the 20% darker color. If you saturate the color by 10%, you get **60.7206, 50.2656, 84.3447**, and if you desaturate by 10%, it is **72.3374, 71.4248, 87.8166**.

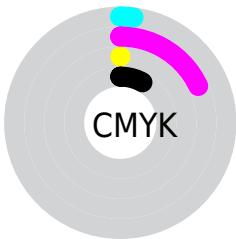
Distribution



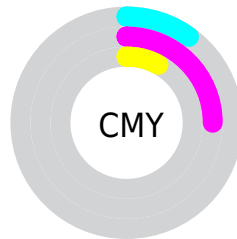
- Red (90%)
- Green (75%)
- Blue (92%)



- Red (90%)
- Yellow (75%)
- Blue (92%)



- Cyan (2%)
- Magenta (18%)
- Yellow (0%)
- Black (8%)





- Cyan (10%)
- Magenta (25%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.1152, 60.0251, 85.9433 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 66.1152, 60.0251, 85.9433 by changing the saturation by 10% instead.


 66.1152, 60.0251,
85.9433

 66.1152, 60.0251,
85.9433


436.2709,
424.6903, 534.9700

 48.6340, 43.4389,
64.0665

 112.7085,
104.8661, 143.5762

 34.5426, 30.2296,
46.2580


142.5512,
133.8896, 180.1694

 23.4756, 20.0129,
32.0993

177.2452,
167.8277, 222.5050

 15.0677, 12.4044,
21.1719

217.1558,
207.0647, 271.0017

 8.9535, 7.0198,
13.0573

262.6483,
251.9851, 326.0781

 4.7677, 3.4745,
7.3368

314.0881,

 2.1450, 1.3842,

302.9732, 388.1525

3.5920

371.8405,
360.4135, 457.6437

0.7135, 0.2050,
1.4043

0.0000, 0.0000,
0.1451

66.1152, 60.0251,
85.9433

66.1152, 60.0251,
85.9433

60.7206, 50.2656,
84.3447

72.3374, 71.4248,
87.8166

56.1095, 42.0611,
83.0042

79.4178, 84.5290,
89.9728

52.2420, 35.3309,
81.9089

85.3804, 95.3846,
91.7539

49.0722, 29.9834,
81.0438

86.1098, 95.7606,
91.7880

46.5494, 25.9171,
80.3919

86.8480, 96.1412,
91.8226

44.6158, 23.0165,
79.9339

87.5951, 96.5264,
91.8575

43.2032, 21.1452,
79.6472

88.3511, 96.9161,
91.8929

42.2138, 20.1077,
79.4991

89.1161, 97.3104,
91.9287

42.0702, 19.9723,
79.4805

89.8900, 97.7094,
91.9649

Harmonies

Analogous

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



61.3508, 60.0251, 98.2971



66.1152, 60.0251, 85.9433



68.4777, 60.0251, 69.3166

Triad

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



66.1152, 60.0251, 85.9433



58.4183, 60.0251, 39.1757



47.6453, 60.0251, 78.1227

Complementary

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



66.1152, 60.0251, 85.9433



61.3346, 74.2109, 60.3847

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.



46.9737, 60.0251, 61.5514



66.1152, 60.0251, 85.9433



52.9590, 60.0251, 40.7453

Square

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



66.1152, 60.0251, 85.9433



63.8482, 60.0251, 43.6445



48.8575, 60.0251, 48.3526



50.7561, 60.0251, 93.2886

Rectangle

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



66.1152, 60.0251, 85.9433



68.2702, 60.0251, 58.7250



48.8575, 60.0251, 48.3526



47.1355, 60.0251, 72.4707

Sweetspot

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



66.1170, 60.0277, 85.9446



89.8401, 90.3547, 107.3129



55.9221, 56.1846, 85.7401



19.1131, 19.1248, 22.9340



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.



66.1170, 60.0277, 85.9446



77.7964, 68.3045, 103.6915



65.0628, 59.7560, 73.6161



15.5686, 15.2384, 19.0430



23.6984, 11.2529, 44.6659



1.9012, 0.9044, 3.5092

Inverse Universe

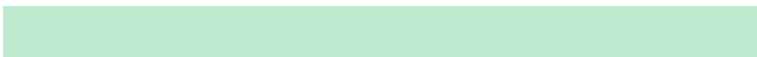
The Inverse Universe completely reimagines the original color for something new.



62.4149, 58.6968, 59.6726



72.5537, 66.4262, 66.1989



62.3206, 74.4875, 70.8988



15.1224, 15.0768, 15.9297



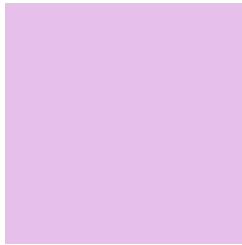
19.1677, 9.8698, 1.4187



1.5246, 0.7828, 0.2138

Previews

White Background



This preview shows how the XYZ color 66.1152, 60.0251, 85.9433 looks on a white background.

Color Contrast Check

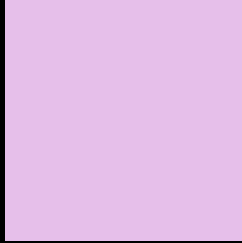
Large Text (above 18pt) WCAG AA × Fail

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 66.1152, 60.0251, 85.9433 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 66.1152, 60.0251, 85.9433

Background



This preview shows how black text looks on a background with the XYZ color 66.1152, 60.0251, 85.9433.



This preview shows how white text looks on a background with the XYZ color 66.1152, 60.0251,

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

66.1152, 60.0251, 85.9433

Protanopia

59.7627, 60.3277, 91.7137

Deuteranopia

61.7097, 60.4317, 85.5028



Tritanopia

62.8265, 60.0143, 69.2454

Trichromacy



Original Color

66.1152, 60.0251, 85.9433

Protanomaly

61.6391, 59.9711, 89.2158

Deuteranomaly

63.0632, 60.1148, 85.3703

Tritanomaly

64.0729, 60.1920, 75.2591

Monochromacy



Original Color

66.1152, 60.0251, 85.9433

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

61.9638, 61.8497, 74.3180

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.1152, 60.0251, 85.9433 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(230, 191, 234)` looks like.

```
.text, #text, p{  
    color:rgb(230, 191, 234)  
}
```

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(230, 191, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 191, 234) }
```

Border

The CSS property to change the border of an element to XYZ 66.1152, 60.0251, 85.9433 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(230, 191, 234) }
```


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

```
.border{ border-color:rgb(230, 191, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 191, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 191, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 191, 234);  
box-shadow:4px 4px 4px 4px rgb(230, 191,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 66.1152, 60.0251, 85.9433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 191, 234) }
```

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

```
.background{ background-color: rgb(230,  
191, 234) }
```

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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