

Converting Colors

XYZ(68.4906, 58.6587,
111.5362)

Have a look what the booklet for
XYZ(68.4906, 58.6587, 111.5362)
contains.

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Color

**XYZ(66.7630, 58.0867,
102.3008)**

Conversions

Conversions Part 1

Format	Color
Hex	E2B9FF
RGB	226, 185, 255
RGB Percent	89%, 73%, 100%
CMY	0.1137, 0.2745, 0.0000
CMYK	0.11, 0.27, 0.00, 0.00
HSL	275°, 100%, 86%
HSV	275°, 27%, 100%
XYZ	66.7630, 58.0867, 102.3008
YIQ	205.2390, 1.9660, 30.4620

Conversions

Conversions Part 2

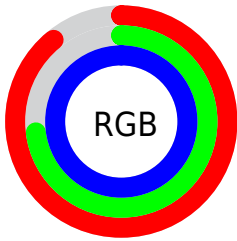
Format	Color
R _Y B	226, 185, 255
Decimal	14858751
CIE Lab	80.79, 27.28, -29.01
CIE LCh	81, 39.822, 313.236
Yxy	58.0867, 0.2939, 0.2557
Android (android.graphics.Color)	4293048831 (0xFFE2B9FF)
YUV	205.2390, 24.5322, 18.2074
Hunter-Lab	76.2146, 22.9880, -26.2331

Details

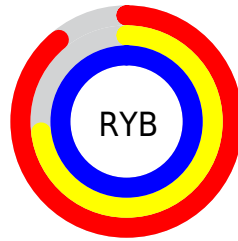
The XYZ color **66.7630, 58.0867, 102.3008** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **72.2498, 89.3195, 59.3341**, and the grayscale version is **58.0299, 61.0519, 66.4855**.

A 20% lighter version of the original color is **90.7453, 91.3906, 107.4651**, and **35.0219, 29.1258, 57.2021** is the 20% darker color. If you saturate the color by 10%, you get **58.6883, 46.7037, 100.5293**, and if you desaturate by 10%, it is **76.0019, 71.4929, 104.4015**.

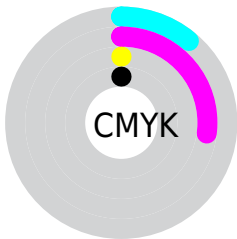
Distribution



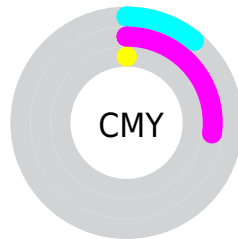
- Red (89%)
- Green (73%)
- Blue (100%)



- Red (89%)
- Yellow (73%)
- Blue (100%)



- Cyan (11%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)



- Cyan (11%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.7630, 58.0867, 102.3008 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 66.7630, 58.0867, 102.3008 by changing the saturation by 10% instead.

66.7630, 58.0867,
102.3008

66.7630, 58.0867,
102.3008

438.5465,
417.5089, 588.8539

49.1620, 41.8784,
77.5959

113.6324,
102.0491, 166.3948

34.9631, 29.0061,
57.2276

143.6316,
130.5720, 206.6210

23.8008, 19.0854,
40.7774

178.4942,
163.9684, 252.8579

15.3099, 11.7320,
27.8268

218.5856,
202.6229, 305.5242

9.1249, 6.5615,
17.9572

264.2712,
246.9198, 365.0385

4.8805, 3.1894,
10.7502

315.9163,

2.2113, 1.2314,

297.2435, 431.8191

5.7870

373.8863,
353.9784, 506.2847

■ 0.7487, 0.0871,
2.6493

■ 0.0000, 0.0000,
0.9178

■ 66.7630, 58.0867,
102.3008

■ 66.7630, 58.0867,
102.3008

■ 58.6883, 46.7037,
100.5293

■ 76.0019, 71.4929,
104.4015

■ 51.7178, 37.2327,
99.0686

■ 86.4507, 87.0116,
106.8462

■ 45.7936, 29.5623,
97.9002

95.0500, 100.0000,
108.9000

■ 40.8498, 23.5662,
97.0034

■ 36.8119, 19.1013,
96.3545

■ 33.5926, 15.9994,
95.9254

■ 31.0794, 14.0417,
95.6800

■ 30.5098, 13.6433,
95.6331

Harmonies

Analogous

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



58.9092, 58.0867, 118.3532



66.7630, 58.0867, 102.3008



71.7733, 58.0867, 77.2258

Triad

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



66.7630, 58.0867, 102.3008



59.8964, 58.0867, 29.0442



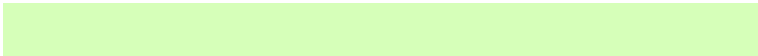
41.2055, 58.0867, 74.1902

Complementary

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



66.7630, 58.0867, 102.3008



72.2498, 89.3195, 59.3341

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.



41.4131, 58.0867, 51.0651



66.7630, 58.0867, 102.3008



51.6684, 58.0867, 28.6168

Square

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



66.7630, 58.0867, 102.3008



67.5473, 58.0867, 37.0246



45.0726, 58.0867, 35.6621



44.4740, 58.0867, 99.6085

Rectangle

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



66.7630, 58.0867, 102.3008



72.5464, 58.0867, 60.7250



45.0726, 58.0867, 35.6621



40.8815, 58.0867, 65.8369

Sweetspot

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



66.7647, 58.0891, 102.3012



85.8427, 86.1001, 106.7023



62.1483, 65.7139, 104.0162



18.0226, 17.9034, 22.7558



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.



66.7647, 58.0891, 102.3012



62.1416, 51.5264, 101.2781



75.7149, 62.8099, 97.8921



18.0226, 17.9034, 22.7558



16.1159, 7.2186, 49.9785



1.6935, 0.7669, 4.8721

Inverse Universe

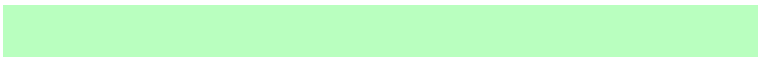
The Inverse Universe completely reimagines the original color for something new.



70.7279, 60.8151, 71.6308



66.8802, 54.7714, 65.2562



65.1549, 85.5893, 62.2831



18.3214, 18.1119, 20.3098



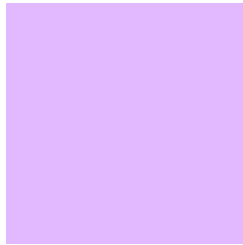
22.9685, 11.6767, 8.4847



2.2892, 1.1581, 1.1044

Previews

White Background



This preview shows how the XYZ color 66.7630, 58.0867, 102.3008 looks on a white background.

Color Contrast Check

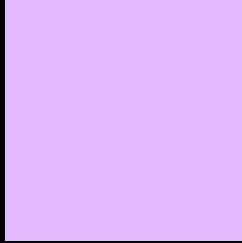
Large Text (above 18pt) WCAG AA × Fail

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 66.7630, 58.0867, 102.3008 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

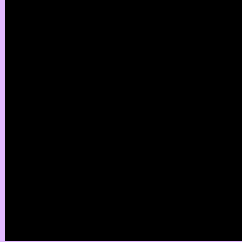
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.7630, 58.0867, 102.3008

Background



This preview shows how black text looks on a background with the XYZ color 66.7630, 58.0867, 102.3008.

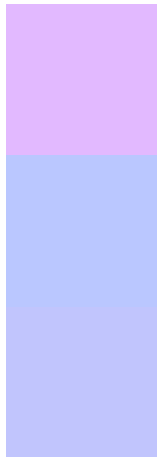


This preview shows how white text looks on a background with the XYZ color 66.7630, 58.0867,

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

66.7630, 58.0867, 102.3008

Protanopia

58.7231, 58.5060, 102.8055

Deuteranopia

59.6882, 58.3618, 101.0476



Tritanopia

60.0138, 58.2471, 68.4013

Trichromacy



Original Color

66.7630, 58.0867, 102.3008



Protanomaly

61.4292, 58.2211, 102.6079



Deuteranomaly

62.1362, 58.2748, 101.7392

Tritanomaly

62.4825, 58.2822, 79.9079

Monochromacy



Original Color

66.7630, 58.0867, 102.3008



Achromatopsia

58.0276, 61.0496, 66.4830



Achromatomaly

60.9539, 59.8620, 78.1539

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.7630, 58.0867, 102.3008 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(226, 185, 255)` looks like.

```
.text, #text, p{  
    color:rgb(226, 185, 255)  
}
```

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(226, 185, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 185, 255) }
```

Border

The CSS property to change the border of an element to XYZ 66.7630, 58.0867, 102.3008 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(226, 185, 255) }
```


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

```
.border{ border-color:rgb(226, 185, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 185, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 185, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 185, 255);  
box-shadow:4px 4px 4px 4px rgb(226, 185,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 66.7630, 58.0867, 102.3008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 185, 255) }
```

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

```
.background{ background-color: rgb(226,  
185, 255) }
```

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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