

Converting Colors

XYZ(66.0161, 58.1058,
102.3439)

Have a look what the booklet for
XYZ(66.0161, 58.1058, 102.3439)
contains.

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Color

**XYZ(66.0403, 58.0258,
102.3271)**

Conversions

Conversions Part 1

Format	Color
Hex	DFBAFF
RGB	223, 186, 255
RGB Percent	87%, 73%, 100%
CMY	0.1255, 0.2706, 0.0000
CMYK	0.13, 0.27, 0.00, 0.00
HSL	272°, 100%, 86%
HSV	272°, 27%, 100%
XYZ	66.0403, 58.0258, 102.3271
YIQ	204.9290, -0.0970, 29.3030

Conversions

Conversions Part 2

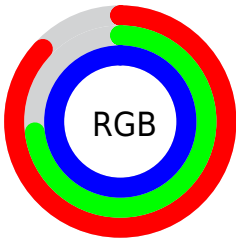
Format	Color
R _Y B	223, 186, 255
Decimal	14662399
CIE Lab	80.75, 25.81, -29.09
CIE LCh	81, 38.890, 311.589
Yxy	58.0258, 0.2917, 0.2563
Android (android.graphics.Color)	4292852479 (0xFFDFBAFF)
YUV	204.9290, 24.6850, 15.8483
Hunter-Lab	76.1747, 21.4465, -26.3233

Details

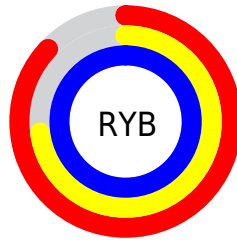
The XYZ color **66.0403, 58.0258, 102.3271** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **73.5377, 89.9712, 59.9474**, and the grayscale version is **57.8329, 60.8447, 66.2599**.

A 20% lighter version of the original color is **91.0421, 91.9843, 107.5640**, and **34.5169, 29.0678, 57.2175** is the 20% darker color. If you saturate the color by 10%, you get **57.6229, 46.4119, 100.5291**, and if you desaturate by 10%, it is **75.6742, 71.6927, 104.4574**.

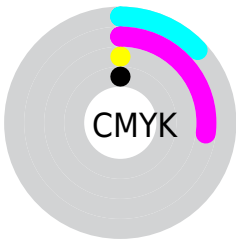
Distribution



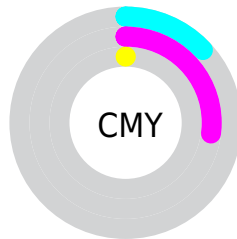
- Red (87%)
- Green (73%)
- Blue (100%)



- Red (87%)
- Yellow (73%)
- Blue (100%)



- Cyan (13%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)



- Cyan (13%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.0403, 58.0258, 102.3271 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 66.0403, 58.0258, 102.3271 by changing the saturation by 10% instead.

66.0403, 58.0258,
102.3271

66.0403, 58.0258,
102.3271

436.0074,
417.2821, 588.9384

48.5729, 41.8294,
77.6177

112.6016,
101.9604, 166.4312

34.4940, 28.9677,
57.2454

142.4262,
130.4674, 206.6630

23.4380, 19.0564,
40.7916

177.1007,
163.8468, 252.9060

15.0397, 11.7110,
27.8378

216.9903,
202.4828, 305.5788

8.9338, 6.5472,
17.9655

262.4604,
246.7600, 365.0999

4.7548, 3.1806,
10.7560

313.8764,

2.1374, 1.2267,

297.0626, 431.8878

5.7909

371.6036,
353.7752, 506.3611

■ 0.7094, 0.0834,
2.6516

■ 0.0000, 0.0000,
0.9189

■ 66.0403, 58.0258,
102.3271

■ 66.0403, 58.0258,
102.3271

■ 57.6229, 46.4119,
100.5291

■ 75.6742, 71.6927,
104.4574

■ 50.3608, 36.7393,
99.0448

■ 86.5716, 87.5025,
106.9346

■ 44.1946, 28.8963,
97.8560

95.0500, 100.0000,
108.9000

■ 39.0569, 22.7563,
96.9416

■ 34.8720, 18.1761,
96.2781

■ 31.5514, 14.9878,
95.8377

■ 28.9837, 12.9774,
95.5850

■ 28.3238, 12.5163,
95.5308

Harmonies

Analogous

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



58.3097, 58.0258, 117.1056



66.0403, 58.0258, 102.3271



71.1246, 58.0258, 78.1891

Triad

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



66.0403, 58.0258, 102.3271



60.1698, 58.0258, 29.8444



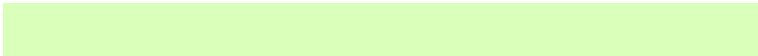
41.3759, 58.0258, 72.4791

Complementary

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



66.0403, 58.0258, 102.3271



73.5377, 89.9712, 59.9474

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.



41.7695, 58.0258, 50.2265



66.0403, 58.0258, 102.3271



52.1100, 58.0258, 29.0265

Square

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



66.0403, 58.0258, 102.3271



67.5152, 58.0258, 38.1541



45.5311, 58.0258, 35.5587



44.3981, 58.0258, 97.2841

Rectangle

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



66.0403, 58.0258, 102.3271



72.0573, 58.0258, 61.9630



45.5311, 58.0258, 35.5587



41.1216, 58.0258, 64.4133

Sweetspot

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



66.0420, 58.0282, 102.3275



85.4885, 85.9175, 106.6857



63.4248, 67.9076, 104.3724



17.9334, 17.8574, 22.7516



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.



66.0420, 58.0282, 102.3275



61.7322, 52.0365, 101.3981



76.4818, 63.4526, 100.8948



17.9334, 17.8574, 22.7516



14.9740, 6.6299, 49.9251



1.5841, 0.7106, 4.8669

Inverse Universe

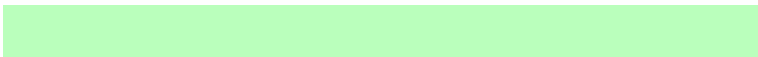
The Inverse Universe completely reimagines the original color for something new.



71.4552, 61.4419, 74.4249



68.0488, 56.0162, 69.0139



65.1209, 85.6037, 60.8403



18.3599, 18.1273, 20.5123



23.3392, 11.8250, 10.4367



2.3270, 1.1732, 1.3032

Previews

White Background



This preview shows how the XYZ color 66.0403, 58.0258, 102.3271 looks on a white background.

Color Contrast Check

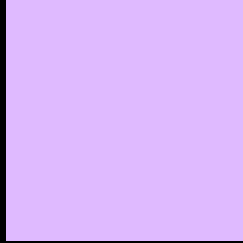
Large Text (above 18pt) WCAG AA × Fail

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 66.0403, 58.0258, 102.3271 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 66.0403, 58.0258, 102.3271

Background



This preview shows how black text looks on a background with the XYZ color 66.0403, 58.0258, 102.3271.

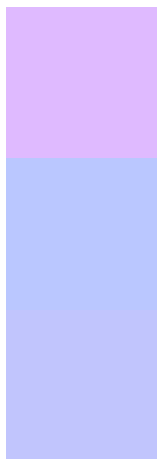


This preview shows how white text looks on a background with the XYZ color 66.0403, 58.0258,

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

66.0403, 58.0258, 102.3271

Protanopia

58.7231, 58.5060, 102.8055

Deuteranopia

59.6882, 58.3618, 101.0476



Tritanopia

59.4669, 58.2823, 69.0881

Trichromacy



Original Color

66.0403, 58.0258, 102.3271

Protanomaly

60.8950, 57.9457, 102.5829

Deuteranomaly

61.8612, 58.1331, 101.7263

Tritanomaly

61.7905, 58.2503, 79.9382

Monochromacy



Original Color

66.0403, 58.0258, 102.3271

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

60.6647, 59.7129, 78.1404

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.0403, 58.0258, 102.3271 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(223, 186, 255)` looks like.

```
.text, #text, p{  
    color:rgb(223, 186, 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(223, 186, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 186, 255) }
```

Border

The CSS property to change the border of an element to XYZ 66.0403, 58.0258, 102.3271 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(223, 186, 255) }
```


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

```
.border{ border-color:rgb(223, 186, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 186, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 186, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 186, 255);  
box-shadow:4px 4px 4px 4px rgb(223, 186,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 66.0403, 58.0258, 102.3271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 186, 255) }
```

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

```
.background{ background-color: rgb(223,  
186, 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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