

Converting Colors

XYZ(66.1375, 58.8209,
102.4755)

Have a look what the booklet for
XYZ(66.1375, 58.8209, 102.4755)
contains.

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Color

**XYZ(66.1574, 58.7160,
102.4542)**

Conversions

Conversions Part 1

Format	Color
Hex	DEBCFF
RGB	222, 188, 255
RGB Percent	87%, 74%, 100%
CMY	0.1294, 0.2627, 0.0000
CMYK	0.13, 0.26, 0.00, 0.00
HSL	270°, 100%, 87%
HSV	270°, 26%, 100%
XYZ	66.1574, 58.7160, 102.4542
YIQ	205.8040, -1.2430, 28.0450

Conversions

Conversions Part 2

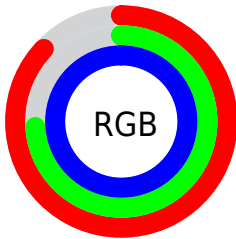
Format	Color
R _Y B	222, 188, 255
Decimal	14597375
CIE _{Lab}	81.14, 24.43, -28.51
CIE _{LCh}	81, 37.544, 310.593
Yxy	58.7160, 0.2910, 0.2583
Android (android.graphics.Color)	4292787455 (0xFFDEBCFF)
YUV	205.8040, 24.2536, 14.2039
Hunter-Lab	76.6264, 20.0166, -25.6359

Details

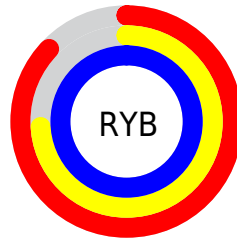
The XYZ color **66.1574, 58.7160, 102.4542** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **74.6571, 90.5236, 61.1175**, and the grayscale version is **58.3929, 61.4339, 66.9015**.

A 20% lighter version of the original color is **91.6407, 93.1814, 107.7636**, and **34.5829, 29.5122, 57.2998** is the 20% darker color. If you saturate the color by 10%, you get **57.4793, 46.8588, 100.6229**, and if you desaturate by 10%, it is **76.0879, 72.6505, 104.6204**.

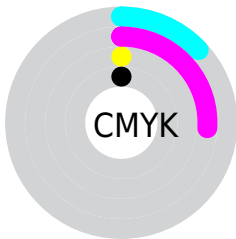
Distribution



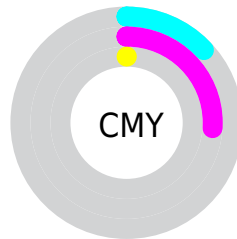
- Red (87%)
- Green (74%)
- Blue (100%)



- Red (87%)
- Yellow (74%)
- Blue (100%)



- Cyan (13%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)



- Cyan (13%)
- Magenta (26%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.1574, 58.7160, 102.4542 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 66.1574, 58.7160, 102.4542 by changing the saturation by 10% instead.

66.1574, 58.7160,
102.4542

66.1574, 58.7160,
102.4542

436.4194,
419.8486, 589.3465

48.6684, 42.3845,
77.7234

112.7687,
102.9648, 166.6070

34.5699, 29.4025,
57.3317

142.6217,
131.6509, 206.8660

23.4967, 19.3855,
40.8605

177.3266,
165.2240, 253.1383

15.0834, 11.9492,
27.8912

217.2490,
204.0686, 305.8423

8.9647, 6.7091,
18.0053

262.7541,
248.5689, 365.3966

4.7751, 3.2808,
10.7843

314.2073,

2.1493, 1.2801,

299.1094, 432.2197

5.8097

371.9739,
356.0745, 506.7301

■ 0.7158, 0.1257,
2.6628

■ 0.0000, 0.0000,
0.9246

■ 66.1574, 58.7160,
102.4542

■ 66.1574, 58.7160,
102.4542

■ 57.4793, 46.8588,
100.6229

■ 76.0879, 72.6505,
104.6204

■ 49.9916, 36.9672,
99.1083

■ 87.3186, 88.7520,
107.1364

■ 43.6343, 28.9296,
97.8919

95.0500, 100.0000,
108.9000

■ 38.3395, 22.6202,
96.9532

■ 34.0309, 17.8966,
96.2685

■ 30.6201, 14.5925,
95.8105

■ 27.9981, 12.5016,
95.5451

■ 27.1646, 11.9187,
95.4766

Harmonies

Analogous

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



58.6133, 58.7160, 116.1920



66.1574, 58.7160, 102.4542



71.1990, 58.7160, 79.3092

Triad

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



66.1574, 58.7160, 102.4542



60.9465, 58.7160, 31.3490



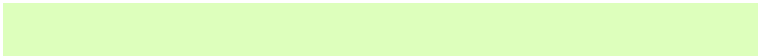
42.3132, 58.7160, 72.1656

Complementary

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



66.1574, 58.7160, 102.4542



74.6571, 90.5236, 61.1175

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.



42.8117, 58.7160, 50.6827



66.1574, 58.7160, 102.4542



53.0933, 58.7160, 30.2974

Square

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



66.1574, 58.7160, 102.4542



68.0018, 58.7160, 39.8377



46.5981, 58.7160, 36.5250



45.1663, 58.7160, 96.1874

Rectangle

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



66.1574, 58.7160, 102.4542



72.2062, 58.7160, 63.4881



46.5981, 58.7160, 36.5250



42.1015, 58.7160, 64.3774

Sweetspot

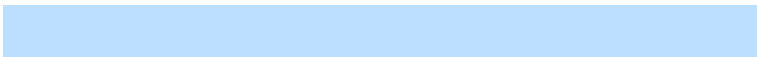
The Sweet Spot groups the original color and five complimentary colors.



66.1591, 58.7184, 102.4546



85.2835, 85.8118, 106.6761



64.7795, 69.8905, 104.6837



17.8818, 17.8308, 22.7492



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.



66.1591, 58.7184, 102.4546



61.0386, 51.6789, 101.3657



77.2742, 64.4484, 102.9747



17.8818, 17.8308, 22.7492



14.3668, 6.3169, 49.8966



1.5249, 0.6800, 4.8642

Inverse Universe

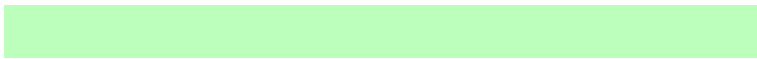
The Inverse Universe completely reimagines the original color for something new.



72.2757, 62.4490, 76.6528



68.3458, 56.1349, 70.5778



65.5778, 85.8430, 60.6926



18.3823, 18.1362, 20.6306



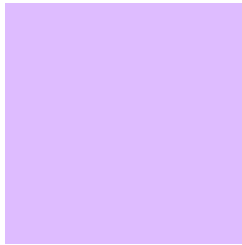
23.5781, 11.9205, 11.6944



2.3507, 1.1827, 1.4285

Previews

White Background



This preview shows how the XYZ color 66.1574, 58.7160, 102.4542 looks on a white background.

Color Contrast Check

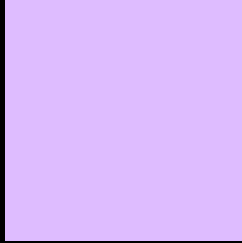
Large Text (above 18pt) WCAG AA × Fail

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 66.1574, 58.7160, 102.4542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

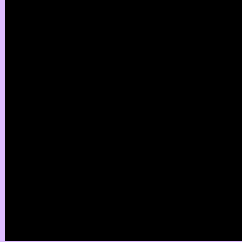
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.1574, 58.7160, 102.4542

Background



This preview shows how black text looks on a background with the XYZ color 66.1574, 58.7160, 102.4542.

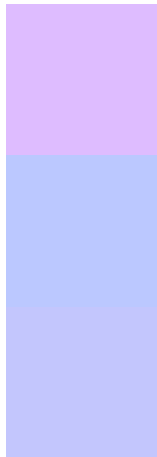


This preview shows how white text looks on a background with the XYZ color 66.1574, 58.7160,

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

66.1574, 58.7160, 102.4542

Protanopia

59.1978, 59.0933, 102.8938

Deuteranopia

60.4294, 59.0821, 101.1475



Tritanopia

59.6479, 58.6804, 70.4700

Trichromacy



Original Color

66.1574, 58.7160, 102.4542

Protanomaly

61.6093, 58.9792, 102.7447

Deuteranomaly

62.3580, 58.7185, 101.8131

Tritanomaly

61.9870, 58.6468, 81.4517

Monochromacy



Original Color

66.1574, 58.7160, 102.4542

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

61.0293, 60.2257, 78.9291

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.1574, 58.7160, 102.4542 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(222, 188, 255)` looks like.

```
.text, #text, p{  
    color:rgb(222, 188, 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(222, 188, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 188, 255) }
```

Border

The CSS property to change the border of an element to XYZ 66.1574, 58.7160, 102.4542 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(222, 188, 255) }
```


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

```
.border{ border-color:rgb(222, 188, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 188, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 188, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 188, 255);  
box-shadow:4px 4px 4px 4px rgb(222, 188,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 66.1574, 58.7160, 102.4542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 188, 255) }
```

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

```
.background{ background-color: rgb(222,  
188, 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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