

Converting Colors

XYZ(92.0040, 67.6170,
241.6237)

Have a look what the booklet for
XYZ(92.0040, 67.6170, 241.6237)
contains.

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Color

**XYZ(65.6219, 57.1890,
102.1877)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | DFB8FF |
| RGB | 223, 184, 255 |
| RGB Percent | 87%, 72%, 100% |
| CMY | 0.1255, 0.2784, 0.0000 |
| CMYK | 0.13, 0.28, 0.00, 0.00 |
| HSL | 273°, 100%, 86% |
| HSV | 273°, 28%, 100% |
| XYZ | 65.6219, 57.1890, 102.1877 |
| YIQ | 203.7550, 0.4530, 30.3490 |

Conversions

Conversions Part 2

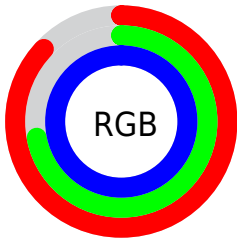
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 223, 184, 255 |
| Decimal | 14661887 |
| CIE Lab | 80.29, 26.89, -29.80 |
| CIE LCh | 80, 40.142, 312.060 |
| Yxy | 57.1890, 0.2917, 0.2542 |
| Android (android.graphics.Color) | 4292851967 (0xFFDFB8FF) |
| YUV | 203.7550, 25.2638, 16.8779 |
| Hunter-Lab | 75.6234, 22.5517, -27.1805 |

Details

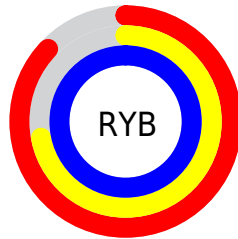
The XYZ color **65.6219, 57.1890, 102.1877** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **72.7320, 89.5803, 58.8074**, and the grayscale version is **57.0869, 60.0599, 65.4052**.

A 20% lighter version of the original color is **90.4501, 90.8002, 107.3667**, and **34.2457, 28.5253, 57.1271** is the 20% darker color. If you saturate the color by 10%, you get **57.3732, 45.7705, 100.4184**, and if you desaturate by 10%, it is **75.0690, 70.6454, 104.2871**.

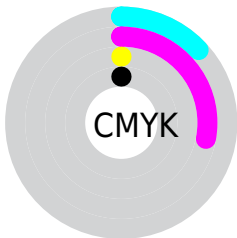
Distribution



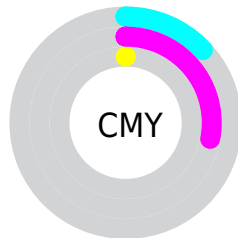
- Red (87%)
- Green (72%)
- Blue (100%)



- Red (87%)
- Yellow (72%)
- Blue (100%)



- Cyan (13%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)



- Cyan (13%)
- Magenta (28%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.6219, 57.1890, 102.1877 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 65.6219, 57.1890, 102.1877 by changing the saturation by 10% instead.

65.6219, 57.1890,
102.1877

65.6219, 57.1890,
102.1877

434.5334,
414.1571, 588.4906

48.2321, 41.1570,
77.5018

112.0042,
100.7409, 166.2384

34.2227, 28.4418,
57.1508

141.7275,
129.0296, 206.4402

23.2285, 18.6589,
40.7162

176.2926,
162.1727, 252.6511

14.8839, 11.4241,
27.7793

216.0649,
200.5545, 305.2897

8.8237, 6.3529,
17.9218

261.4098,
244.5594, 364.7743

4.6826, 3.0608,
10.7250

312.6926,

2.0951, 1.1636,

294.5719, 431.5237

5.7704

370.2787,
350.9764, 505.9562

■ 0.6865, 0.0316,
2.6394

■ 0.0000, 0.0000,
0.9127

■ 65.6219, 57.1890,
102.1877

■ 65.6219, 57.1890,
102.1877

■ 57.3732, 45.7705,
100.4184

■ 75.0690, 70.6454,
104.2871

■ 50.2619, 36.2780,
98.9610

■ 85.7616, 86.2301,
106.7317

■ 44.2286, 28.5989,
97.7968

95.0500, 100.0000,
108.9000

■ 39.2060, 22.6060,
96.9047

■ 35.1178, 18.1546,
96.2610

■ 31.8749, 15.0746,
95.8374

■ 29.3599, 13.1392,
95.5964

■ 28.8770, 12.8015,
95.5567

Harmonies

Analogous

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



57.7188, 57.1890, 117.7128



65.6219, 57.1890, 102.1877



70.7852, 57.1890, 77.2452

Triad

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



65.6219, 57.1890, 102.1877



59.3610, 57.1890, 28.4224



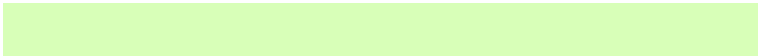
40.3450, 57.1890, 72.1915

Complementary

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



65.6219, 57.1890, 102.1877



72.7320, 89.5803, 58.8074

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.



40.6893, 57.1890, 49.3657



65.6219, 57.1890, 102.1877



51.1272, 57.1890, 27.7173

Square

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



65.6219, 57.1890, 102.1877



66.9278, 57.1890, 36.6458



44.4602, 57.1890, 34.3924



43.4670, 57.1890, 97.6960

Rectangle

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



65.6219, 57.1890, 102.1877



71.6914, 57.1890, 60.6598



44.4602, 57.1890, 34.3924



40.0686, 57.1890, 63.9067

Sweetspot

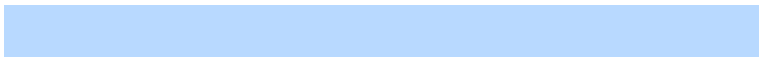
The Sweet Spot groups the original color and five complimentary colors.



65.6236, 57.1913, 102.1880



85.5818, 85.9656, 106.6901



62.6662, 67.1068, 104.2578



17.9569, 17.8695, 22.7527



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.



65.6236, 57.1913, 102.1880



61.2216, 51.0521, 101.2351



76.0528, 62.6115, 100.6995



17.9569, 17.8695, 22.7527



15.2634, 6.7790, 49.9386



1.6120, 0.7250, 4.8682

Inverse Universe

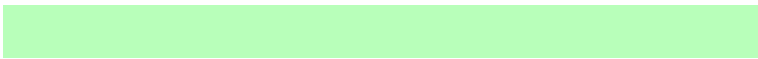
The Inverse Universe completely reimagines the original color for something new.



70.7765, 60.5010, 72.9152



67.2556, 54.9216, 67.2330



64.4308, 85.2719, 59.7249



18.3497, 18.1232, 20.4587



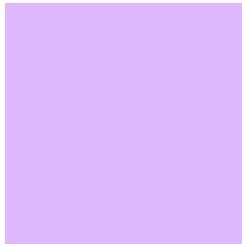
23.2365, 11.7839, 9.8957



2.3166, 1.1690, 1.2487

Previews

White Background



This preview shows how the XYZ color 65.6219, 57.1890, 102.1877 looks on a white background.

Color Contrast Check

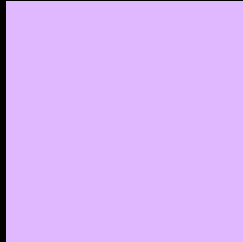
Large Text (above 18pt) WCAG AA × Fail

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 65.6219, 57.1890, 102.1877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

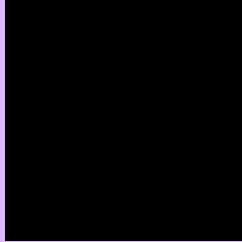
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.6219, 57.1890, 102.1877

Background



This preview shows how black text looks on a background with the XYZ color 65.6219, 57.1890, 102.1877.

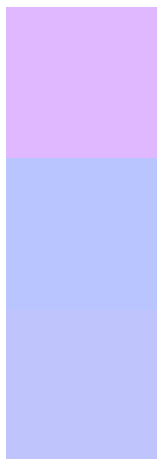


This preview shows how white text looks on a background with the XYZ color 65.6219, 57.1890,

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

65.6219, 57.1890, 102.1877

Protanopia

57.7834, 57.3429, 102.6305

Deuteranopia

58.9554, 57.6481, 100.9484



Tritanopia

58.4795, 57.1411, 67.6216

Trichromacy



Original Color

65.6219, 57.1890, 102.1877

Protanomaly

60.1883, 56.9250, 102.4231

Deuteranomaly

61.3676, 57.5515, 101.6401

Tritanomaly

60.9175, 57.1686, 79.0581

Monochromacy



Original Color

65.6219, 57.1890, 102.1877

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

60.1495, 59.1091, 78.0510

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.6219, 57.1890, 102.1877 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, 184, 255)` looks like.

```
.text, #text, p{  
    color:rgb(223, 184, 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, 184, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 184, 255) }
```

Border

The CSS property to change the border of an element to XYZ 65.6219, 57.1890, 102.1877 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, 184, 255) }
```


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

```
.border{ border-color:rgb(223, 184, 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, 184, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 184, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 184, 255);  
box-shadow:4px 4px 4px 4px rgb(223, 184,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 65.6219, 57.1890, 102.1877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 184, 255) }
```

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

```
.background{ background-color: rgb(223,  
184, 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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