

Converting Colors

XYZ(86.4362, 64.5655,
176.7450)

Have a look what the booklet for
XYZ(86.4362, 64.5655, 176.7450)
contains.

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Color

**XYZ(72.3282, 58.8349,
102.1519)**

Conversions

Conversions Part 1

Format	Color
Hex	F7B2FF
RGB	247, 178, 255
RGB Percent	97%, 70%, 100%
CMY	0.0314, 0.3019, 0.0000
CMYK	0.03, 0.30, 0.00, 0.00
HSL	294°, 100%, 85%
HSV	294°, 30%, 100%
XYZ	72.3282, 58.8349, 102.1519
YIQ	207.4090, 16.4070, 38.5750

Conversions

Conversions Part 2

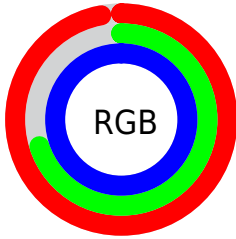
Format	Color
R _Y B	247, 178, 255
Decimal	16233215
CIE Lab	81.20, 37.52, -28.20
CIE LCh	81, 46.935, 323.066
Yxy	58.8349, 0.3100, 0.2522
Android (android.graphics.Color)	4294423295 (0xFFFF7B2FF)
YUV	207.4090, 23.4624, 34.7213
Hunter-Lab	76.7039, 34.0853, -25.2679

Details

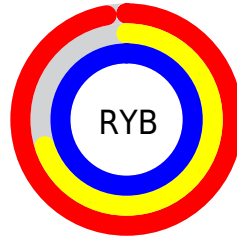
The XYZ color **72.3282, 58.8349, 102.1519** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **64.0469, 85.1741, 55.1868**, and the grayscale version is **59.4193, 62.5138, 68.0775**.

A 20% lighter version of the original color is **88.7128, 87.3256, 106.7876**, and **38.6359, 29.4397, 57.0722** is the 20% darker color. If you saturate the color by 10%, you get **66.7913, 49.1372, 100.5719**, and if you desaturate by 10%, it is **78.8248, 70.4304, 104.0477**.

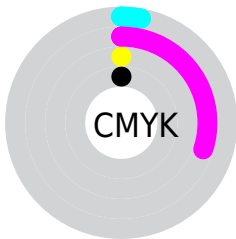
Distribution



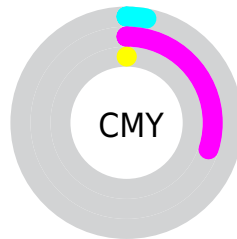
- Red (97%)
- Green (70%)
- Blue (100%)



- Red (97%)
- Yellow (70%)
- Blue (100%)



- Cyan (3%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)





- Cyan (3%)
- Magenta (30%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.3282, 58.8349, 102.1519 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 72.3282, 58.8349, 102.1519 by changing the saturation by 10% instead.


 72.3282, 58.8349,
102.1519

 72.3282, 58.8349,
102.1519


457.8231,
420.2898, 588.3755

 53.7132, 42.4802,
77.4720


 121.5313,
103.1377, 166.1889

 38.6022, 29.4775,
57.1265


152.8502,
131.8546, 206.3830

 26.6297, 19.4423,
40.6968


189.1344,
165.4610, 252.5857

 17.4305, 11.9903,
27.7643

230.7493,
204.3413, 305.2154

 10.6391, 6.7371,
17.9106

278.0603,
248.8800, 364.6907

 5.8902, 3.2982,
10.7170

331.4326,

 2.8185, 1.2893,

299.4613, 431.4301

5.7651

391.2318,
356.4698, 505.8522

■ 1.0585, 0.1329,
2.6363

■ 0.0000, 0.0000,
0.9111

■ 72.3282, 58.8349,
102.1519

■ 72.3282, 58.8349,
102.1519

■ 66.7913, 49.1372,
100.5719

■ 78.8248, 70.4304,
104.0477

■ 62.1566, 41.2251,
99.2890

■ 86.3243, 84.0130,
106.2741

■ 58.3682, 34.9861,
98.2844

94.8734, 99.6750,
108.8466

■ 55.3620, 30.2921,
97.5368

95.0500, 100.0000,
108.9000

■ 53.0645, 26.9961,
97.0217

■ 51.3879, 24.9225,
96.7098

■ 50.2074, 23.7978,
96.5549

Harmonies

Analogous

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



63.6117, 58.8349, 127.4378



72.3282, 58.8349, 102.1519



76.7284, 58.8349, 70.7817

Triad

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



72.3282, 58.8349, 102.1519



58.2207, 58.8349, 24.1092



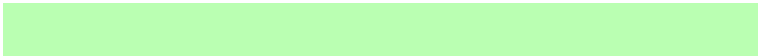
40.3506, 58.8349, 87.5466

Complementary

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



72.3282, 58.8349, 102.1519



64.0469, 85.1741, 55.1868

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.



39.2625, 58.8349, 57.7801



72.3282, 58.8349, 102.1519



48.8762, 58.8349, 26.2048

Square

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



72.3282, 58.8349, 102.1519



67.9911, 58.8349, 29.9513



42.2037, 58.8349, 36.8563



45.3709, 58.8349, 117.4330

Rectangle

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



72.3282, 58.8349, 102.1519



76.2982, 58.8349, 52.6477



42.2037, 58.8349, 36.8563



39.5389, 58.8349, 77.0154

Sweetspot

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



72.3299, 58.8374, 102.1523



87.2890, 85.7720, 106.5628



54.1791, 52.2211, 101.8319



18.4323, 17.9008, 22.7337



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.



72.3299, 58.8374, 102.1523



69.0011, 52.9815, 101.1974



70.8184, 58.5656, 79.1536



18.5958, 18.1989, 22.7826



26.3098, 12.4737, 50.4556



2.6130, 1.2409, 4.9151

Inverse Universe

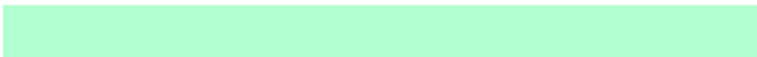
The Inverse Universe completely reimagines the original color for something new.



66.0247, 56.6482, 53.9105



61.8900, 50.5324, 45.8931



65.4475, 85.5161, 72.4221



18.0860, 18.0177, 19.0702



21.6739, 11.1588, 1.6671



2.1344, 1.0961, 0.2892

Previews

White Background



This preview shows how the XYZ color 72.3282, 58.8349, 102.1519 looks on a white background.

Color Contrast Check

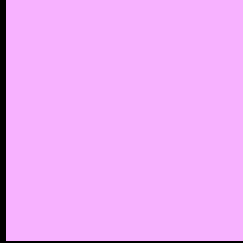
Large Text (above 18pt) WCAG AA × Fail

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 72.3282, 58.8349, 102.1519 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 72.3282, 58.8349, 102.1519

Background



This preview shows how black text looks on a background with the XYZ color 72.3282, 58.8349, 102.1519.



This preview shows how white text looks on a background with the XYZ color 72.3282, 58.8349,

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

72.3282, 58.8349, 102.1519

Protanopia

59.1978, 59.0933, 102.8938

Deuteranopia

60.3716, 59.0890, 99.4902



Tritanopia

64.6979, 58.8035, 64.4402

Trichromacy



Original Color

72.3282, 58.8349, 102.1519



Protanomaly

63.1941, 58.4746, 102.5638



Deuteranomaly

64.2258, 58.7370, 100.0478



Tritanomaly

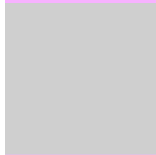
67.2875, 58.6096, 76.8736

Monochromacy



Original Color

72.3282, 58.8349, 102.1519



Achromatopsia

59.3074, 62.3960, 67.9493



Achromatomaly

63.3187, 60.3913, 78.8404

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.3282, 58.8349, 102.1519 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(247, 178, 255)` looks like.

```
.text, #text, p{  
    color:rgb(247, 178, 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(247, 178, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 178, 255) }
```

Border

The CSS property to change the border of an element to XYZ 72.3282, 58.8349, 102.1519 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(247, 178, 255) }
```


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

```
.border{ border-color:rgb(247, 178, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 178, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 178, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 178, 255);  
box-shadow:4px 4px 4px 4px rgb(247, 178,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 72.3282, 58.8349, 102.1519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 178, 255) }
```

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

```
.background{ background-color: rgb(247,  
178, 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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