

Converting Colors

XYZ(79.5914, 62.9936,
139.3516)

Have a look what the booklet for
XYZ(79.5914, 62.9936, 139.3516)
contains.

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Color

**XYZ(72.4341, 60.0884,
102.3883)**

Conversions

Conversions Part 1

Format	Color
Hex	F5B6FF
RGB	245, 182, 255
RGB Percent	96%, 71%, 100%
CMY	0.0392, 0.2863, 0.0000
CMYK	0.04, 0.29, 0.00, 0.00
HSL	292°, 100%, 86%
HSV	292°, 29%, 100%
XYZ	72.4341, 60.0884, 102.3883
YIQ	209.1590, 14.1150, 36.0590

Conversions

Conversions Part 2

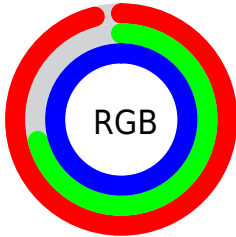
Format	Color
R _Y B	245, 182, 255
Decimal	16103167
CIE Lab	81.89, 34.78, -27.17
CIE LCh	82, 44.139, 322.004
Yxy	60.0884, 0.3083, 0.2558
Android (android.graphics.Color)	4294293247 (0xFFFF5B6FF)
YUV	209.1590, 22.5996, 31.4326
Hunter-Lab	77.5167, 31.1419, -24.0518

Details

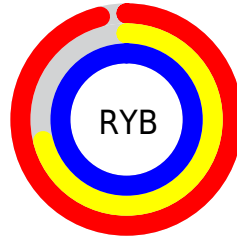
The XYZ color **72.4341, 60.0884, 102.3883** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **65.9433, 86.1046, 57.4032**, and the grayscale version is **60.5604, 63.7142, 69.3848**.

A 20% lighter version of the original color is **89.8645, 89.6291, 107.1715**, and **38.6513, 30.2069, 57.2195** is the 20% darker color. If you saturate the color by 10%, you get **66.4730, 49.9574, 100.7470**, and if you desaturate by 10%, it is **79.3725, 72.1380, 104.3484**.

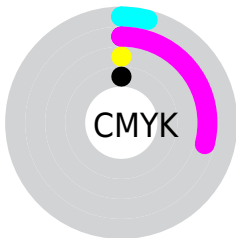
Distribution



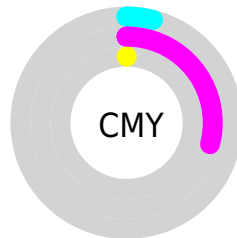
- Red (96%)
- Green (71%)
- Blue (100%)



- Red (96%)
- Yellow (71%)
- Blue (100%)



- Cyan (4%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)



- Cyan (4%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.4341, 60.0884, 102.3883 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 72.4341, 60.0884, 102.3883 by changing the saturation by 10% instead.

72.4341, 60.0884,
102.3883

72.4341, 60.0884,
102.3883

458.1854,
424.9235, 589.1349

53.8001, 43.4899,
77.6686

121.6810,
104.9579, 166.5158

38.6719, 30.2697,
57.2870

153.0245,
133.9977, 206.7608

26.6842, 20.0434,
40.8248

189.3354,
167.9533, 253.0179

17.4715, 12.4266,
27.8635

230.9788,
207.2092, 305.7057

10.6686, 7.0349,
17.9847

278.3201,
252.1498, 365.2428

5.9101, 3.4839,
10.7697

331.7247,

2.8306, 1.3893,

303.1595, 432.0476

5.7999

391.5580,
360.6226, 506.5388

■ 1.0648, 0.2088,
2.6570

■ 0.0000, 0.0000,
0.9217

■ 72.4341, 60.0884,
102.3883

■ 72.4341, 60.0884,
102.3883

■ 66.4730, 49.9574,
100.7470

■ 79.3725, 72.1380,
104.3484

■ 61.4323, 41.6340,
99.4061

■ 87.3308, 86.1940,
106.6420

■ 57.2569, 35.0075,
98.3471

95.0500, 100.0000,
108.9000

■ 53.8838, 29.9521,
97.5491

■ 51.2412, 26.3241,
96.9881

■ 49.2438, 23.9534,
96.6358

■ 47.7705, 22.5980,
96.4518

■ 47.5869, 22.4468,
96.4323

Harmonies

Analogous

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



64.0947, 60.0884, 125.4943



72.4341, 60.0884, 102.3883



76.7646, 60.0884, 72.8295

Triad

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



72.4341, 60.0884, 102.3883



59.6420, 60.0884, 26.6205



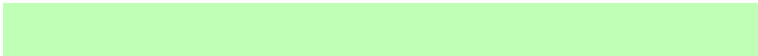
42.0534, 60.0884, 86.6058

Complementary

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



72.4341, 60.0884, 102.3883



65.9433, 86.1046, 57.4032

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.



41.1375, 60.0884, 58.5421



72.4341, 60.0884, 102.3883



50.6562, 60.0884, 28.4397

Square

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



72.4341, 60.0884, 102.3883



68.8724, 60.0884, 32.7371



44.1194, 60.0884, 38.6396



46.7733, 60.0884, 114.7906

Rectangle

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



72.4341, 60.0884, 102.3883



76.4998, 60.0884, 55.3197



44.1194, 60.0884, 38.6396



41.3127, 60.0884, 76.6939

Sweetspot

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



72.4358, 60.0909, 102.3887



87.0136, 85.6300, 106.5499



56.4027, 55.2856, 102.3062



18.3639, 17.8656, 22.7305



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.



72.4358, 60.0909, 102.3887



69.1132, 54.4130, 101.4678



72.1751, 60.4006, 82.3144



18.5336, 18.1668, 22.7797



24.9597, 11.7777, 50.3924



2.4948, 1.1801, 4.9096

Inverse Universe

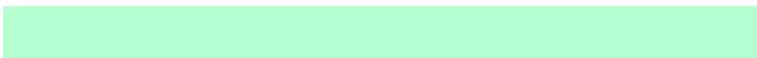
The Inverse Universe completely reimagines the original color for something new.



67.4839, 58.5241, 57.6109



63.5542, 52.6786, 50.0922



66.3830, 85.9979, 72.4874



18.1107, 18.0276, 19.1999



21.7374, 11.1843, 2.0019



2.1460, 1.1008, 0.3501

Previews

White Background



This preview shows how the XYZ color 72.4341, 60.0884, 102.3883 looks on a white background.

Color Contrast Check

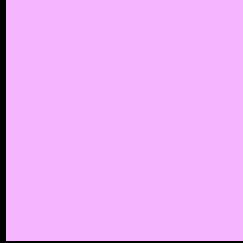
Large Text (above 18pt) WCAG AA × Fail

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 72.4341, 60.0884, 102.3883 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

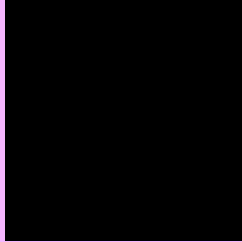
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.4341, 60.0884, 102.3883

Background



This preview shows how black text looks on a background with the XYZ color 72.4341, 60.0884, 102.3883.



This preview shows how white text looks on a background with the XYZ color 72.4341, 60.0884,

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

72.4341, 60.0884, 102.3883

Protanopia

60.4057, 60.4082, 103.0840

Deuteranopia

61.7782, 60.4789, 100.5130



Tritanopia

65.0313, 59.8950, 66.5259

Trichromacy



Original Color

72.4341, 60.0884, 102.3883



Protanomaly

64.1434, 59.9519, 102.7989



Deuteranomaly

65.1185, 59.8307, 101.0449



Tritanomaly

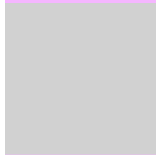
67.7134, 60.0490, 78.5427

Monochromacy



Original Color

72.4341, 60.0884, 102.3883



Achromatopsia

60.6036, 63.7597, 69.4343



Achromatomaly

64.2751, 61.8674, 80.5055

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.4341, 60.0884, 102.3883 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(245, 182, 255)` looks like.

```
.text, #text, p{  
    color:rgb(245, 182, 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(245, 182, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 182, 255) }
```

Border

The CSS property to change the border of an element to XYZ 72.4341, 60.0884, 102.3883 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(245, 182, 255) }
```


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

```
.border{ border-color:rgb(245, 182, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 182, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 182, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 182, 255);  
box-shadow:4px 4px 4px 4px rgb(245, 182,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 72.4341, 60.0884, 102.3883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 182, 255) }
```

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

```
.background{ background-color: rgb(245,  
182, 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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