

Converting Colors

XYZ(79.2613, 62.0693,
144.0033)

Have a look what the booklet for
XYZ(79.2613, 62.0693, 144.0033)
contains.

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Color

**XYZ(71.3334, 58.9172,
102.2202)**

Conversions

Conversions Part 1

Format	Color
Hex	F3B4FF
RGB	243, 180, 255
RGB Percent	95%, 71%, 100%
CMY	0.0471, 0.2941, 0.0000
CMYK	0.05, 0.29, 0.00, 0.00
HSL	290°, 100%, 85%
HSV	290°, 29%, 100%
XYZ	71.3334, 58.9172, 102.2202
YIQ	207.3870, 13.4730, 36.6810

Conversions

Conversions Part 2

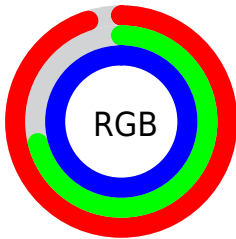
Format	Color
R_{YB}	243, 180, 255
Decimal	15971583
CIE _{Lab}	81.25, 35.22, -28.17
CIE _{LCh}	81, 45.098, 321.346
Yxy	58.9172, 0.3068, 0.2534
Android (android.graphics.Color)	4294161663 (0xFFFF3B4FF)
YUV	207.3870, 23.4732, 31.2326
Hunter-Lab	76.7575, 31.5604, -25.2279

Details

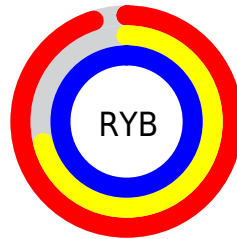
The XYZ color **71.3334, 58.9172, 102.2202** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **65.7379, 86.0224, 56.3221**, and the grayscale version is **59.4065, 62.5002, 68.0627**.

A 20% lighter version of the original color is **89.2855, 88.4709, 106.9785**, and **37.9036, 29.4380, 57.1105** is the 20% darker color. If you saturate the color by 10%, you get **65.2595, 48.8355, 100.5944**, and if you desaturate by 10%, it is **78.3889, 70.9138, 104.1639**.

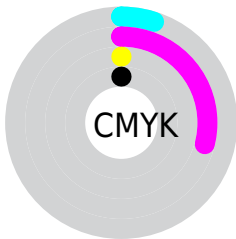
Distribution



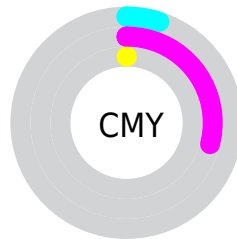
- Red (95%)
- Green (71%)
- Blue (100%)



- Red (95%)
- Yellow (71%)
- Blue (100%)



- Cyan (5%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)



- Cyan (5%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.3334, 58.9172, 102.2202 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 71.3334, 58.9172, 102.2202 by changing the saturation by 10% instead.

71.3334, 58.9172,
102.2202

71.3334, 58.9172,
102.2202

454.4118,
420.5950, 588.5950

52.8978, 42.5465,
77.5288

120.1243,
103.2573, 166.2833

37.9484, 29.5294,
57.1729

151.2103,
131.9955, 206.4922

26.1196, 19.4817,
40.7338

187.2438,
165.6249, 252.7106

17.0463, 12.0188,
27.7930

228.5902,
204.5300, 305.3571

10.3630, 6.7565,
17.9320

275.6149,
249.0952, 364.8502

5.7044, 3.3103,
10.7322

328.6831,

2.7051, 1.2958,

299.7048, 431.6086

5.7752

388.1603,
356.7433, 506.0506

■ 0.9998, 0.1379,
2.6423

■ 0.0000, 0.0000,
0.9142

■ 71.3334, 58.9172,
102.2202

■ 71.3334, 58.9172,
102.2202

■ 65.2595, 48.8355,
100.5944

■ 78.3889, 70.9138,
104.1639

■ 60.1099, 40.5573,
99.2679

■ 86.4691, 84.9140,
106.4404

■ 55.8292, 33.9708,
98.2222

95.0500, 100.0000,
108.9000

■ 52.3535, 28.9490,
97.4361

■ 49.6101, 25.3464,
96.8853

■ 47.5124, 22.9904,
96.5412

■ 45.9278, 21.6158,
96.3593

■ 45.8410, 21.5468,
96.3506

Harmonies

Analogous

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



62.8393, 58.9172, 125.4517



71.3334, 58.9172, 102.2202



75.8360, 58.9172, 72.2591

Triad

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



71.3334, 58.9172, 102.2202



58.7629, 58.9172, 25.3773



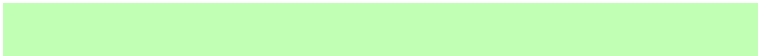
40.7949, 58.9172, 84.8982

Complementary

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



71.3334, 58.9172, 102.2202



65.7379, 86.0224, 56.3221

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.



39.9633, 58.9172, 56.6730



71.3334, 58.9172, 102.2202



49.6741, 58.9172, 27.0071

Square

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



71.3334, 58.9172, 102.2202



68.0645, 58.9172, 31.6227



43.0366, 58.9172, 36.9457



45.4510, 58.9172, 113.6615

Rectangle

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



71.3334, 58.9172, 102.2202



75.6557, 58.9172, 54.4963



43.0366, 58.9172, 36.9457



40.0812, 58.9172, 74.8832

Sweetspot

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



71.3351, 58.9197, 102.2206



86.8227, 85.5316, 106.5409



55.8342, 54.8451, 102.2511



18.3166, 17.8412, 22.7283



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.



71.3351, 58.9197, 102.2206



67.8213, 53.0534, 101.2735



71.8455, 59.6179, 82.5850



18.4905, 18.1446, 22.7777



24.0595, 11.3136, 50.3503



2.4156, 1.1392, 4.9058

Inverse Universe

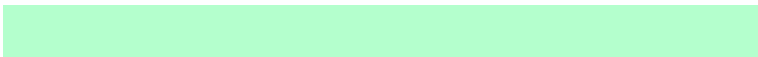
The Inverse Universe completely reimagines the original color for something new.



67.0771, 57.7106, 57.4751



63.0720, 51.7381, 49.8576



65.6035, 85.6319, 70.8308



18.1279, 18.0345, 19.2905



21.7908, 11.2056, 2.2831



2.1540, 1.1040, 0.3924

Previews

White Background



This preview shows how the XYZ color 71.3334, 58.9172, 102.2202 looks on a white background.

Color Contrast Check

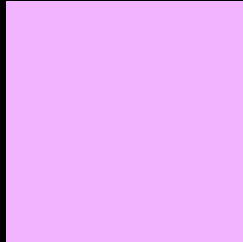
Large Text (above 18pt) WCAG AA × Fail

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 71.3334, 58.9172, 102.2202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

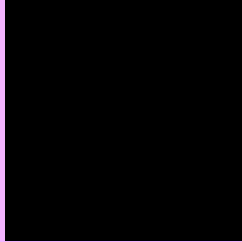
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.3334, 58.9172, 102.2202

Background



This preview shows how black text looks on a background with the XYZ color 71.3334, 58.9172, 102.2202.



This preview shows how white text looks on a background with the XYZ color 71.3334, 58.9172,

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

71.3334, 58.9172, 102.2202

Protanopia

59.4433, 59.2199, 102.9053

Deuteranopia

60.5297, 59.1522, 100.3227



Tritanopia

63.9046, 59.0194, 65.1505

Trichromacy



Original Color

71.3334, 58.9172, 102.2202



Protanomaly

63.1324, 58.7698, 102.6240



Deuteranomaly

63.8010, 58.4996, 100.8574



Tritanomaly

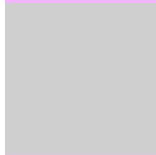
66.4748, 58.7962, 77.6572

Monochromacy



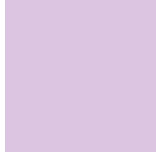
Original Color

71.3334, 58.9172, 102.2202



Achromatopsia

59.3074, 62.3960, 67.9493



Achromatomaly

62.9360, 60.5300, 78.8874

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.3334, 58.9172, 102.2202 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(243, 180, 255)` looks like.

```
.text, #text, p{  
    color:rgb(243, 180, 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(243, 180, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 180, 255) }
```

Border

The CSS property to change the border of an element to XYZ 71.3334, 58.9172, 102.2202 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(243, 180, 255) }
```


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

```
.border{ border-color:rgb(243, 180, 255) }
```

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

Here you see how a box with a 4 pixel rgb(243, 180, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 180, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 180, 255);  
box-shadow:4px 4px 4px 4px rgb(243, 180,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 71.3334, 58.9172, 102.2202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 180, 255) }
```

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

```
.background{ background-color: rgb(243,  
180, 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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