

Converting Colors

XYZ(71.1116, 58.8457, 80.1957)

Have a look what the booklet for
XYZ(71.1116, 58.8457, 80.1957)
contains.

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Color

**XYZ(71.2252, 59.0463,
80.3161)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB3E3
RGB	255, 179, 227
RGB Percent	100%, 70%, 89%
CMY	0.0000, 0.2980, 0.1098
CMYK	0.00, 0.30, 0.11, 0.00
HSL	322°, 100%, 85%
HSV	322°, 30%, 100%
XYZ	71.2252, 59.0463, 80.3161
YIQ	207.1960, 29.8880, 31.0400

Conversions

Conversions Part 2

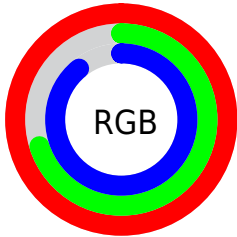
Format	Color
R_{YB}	255, 179, 227
Decimal	16757731
CIE _{Lab}	81.32, 34.68, -12.92
CIE _{LCh}	81, 37.011, 339.568
Yxy	59.0463, 0.3382, 0.2804
Android (android.graphics.Color)	4294947811 (0xFFFFB3E3)
YUV	207.1960, 9.7634, 41.9241
Hunter-Lab	76.8416, 30.9806, -8.1818

Details

The XYZ color **71.2252, 59.0463, 80.3161** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **65.6150, 85.6097, 72.1009**, and the grayscale version is **59.3614, 62.4528, 68.0111**.

A 20% lighter version of the original color is **88.9983, 87.8967, 106.8828**, and **37.8060, 29.5161, 42.7343** is the 20% darker color. If you saturate the color by 10%, you get **65.3176, 49.2499, 72.1232**, and if you desaturate by 10%, it is **78.1514, 70.7660, 89.1992**.

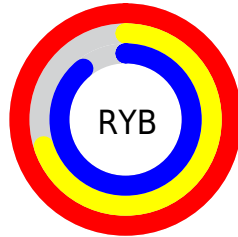
Distribution



Red (100%)

Green (70%)

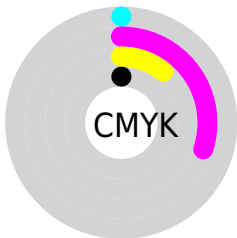
Blue (89%)



Red (100%)

Yellow (70%)

Blue (89%)

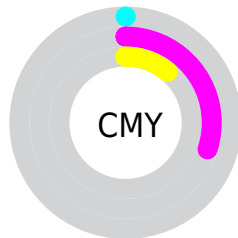


Cyan (0%)

Magenta (30%)

Yellow (11%)

Black (0%)



Cyan (0%)

Magenta (30%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.2252, 59.0463, 80.3161 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 71.2252, 59.0463, 80.3161 by changing the saturation by 10% instead.

71.2252, 59.0463,
80.3161

71.2252, 59.0463,
80.3161

454.0399,
421.0735, 515.7323

52.8092, 42.6504,
59.4508

119.9711,
103.4450, 135.6255

37.8773, 29.6109,
42.5537

151.0317,
132.2165, 170.9066

26.0643, 19.5434,
29.2063

187.0379,
165.8820, 211.8302

17.0047, 12.0636,
18.9900

228.3550,
204.8259, 258.8146

10.3331, 6.7870,
11.4863

275.3484,
249.4327, 312.2785

5.6844, 3.3293,
6.2767


328.3834,

2.6929, 1.3060,


300.0866, 372.6404


2.9425


387.8255,
357.1720, 440.3188


 0.9935, 0.1458,
1.0654


 0.0000, 0.0000,
0.0000


 71.2252, 59.0463,
80.3161


 71.2252, 59.0463,
80.3161

 65.3176, 49.2499,
72.1232


 78.1514, 70.7660,
89.1992

 60.3711, 41.2644,
64.5935

 86.1411, 84.4981,
98.7906

 56.3287, 34.9775,
57.7031

95.0500, 100.0000,
108.9000

 53.1253, 30.2610,
51.4247

■ 50.6869, 26.9685,
45.7275

■ 48.9250, 24.9253,
40.5759

■ 47.6993, 23.8525,
35.9169

■ 47.6773, 23.8349,
35.8283

Harmonies

Analogous

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



66.1264, 59.0463, 102.9800



71.2252, 59.0463, 80.3161



72.0818, 59.0463, 57.4755

Triad

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



71.2252, 59.0463, 80.3161



53.6884, 59.0463, 30.8024



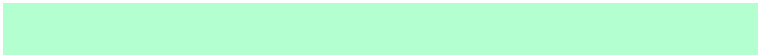
45.4315, 59.0463, 95.3785

Complementary

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



71.2252, 59.0463, 80.3161



65.6150, 85.6097, 72.1009

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.



42.7107, 59.0463, 71.6259



71.2252, 59.0463, 80.3161



47.1808, 59.0463, 36.7559

Square

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



71.2252, 59.0463, 80.3161



61.4689, 59.0463, 32.0965



43.3203, 59.0463, 50.5539



51.0940, 59.0463, 112.9681

Rectangle

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



71.2252, 59.0463, 80.3161



70.0593, 59.0463, 45.4995



43.3203, 59.0463, 50.5539



44.1673, 59.0463, 87.6536

Sweetspot

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



71.2266, 59.0488, 80.3173



86.8289, 85.6887, 99.5907



59.8673, 52.7095, 101.6263



18.3188, 17.8804, 21.0064



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.



71.2266, 59.0488, 80.3173



67.4475, 52.7554, 75.1586



66.5617, 57.1828, 55.7523



18.4921, 18.1802, 21.2086



24.9869, 12.4840, 19.1132



2.4856, 1.2366, 2.1386

Inverse Universe

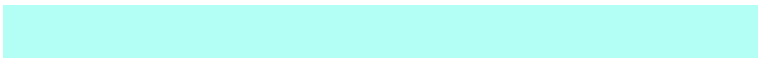
The Inverse Universe completely reimagines the original color for something new.



71.2266, 59.0488, 80.3173



67.4475, 52.7554, 75.1586



70.8130, 87.6889, 99.4736



18.4921, 18.1802, 21.2086



24.9869, 12.4840, 19.1132



2.4856, 1.2366, 2.1386

Previews

White Background



This preview shows how the XYZ color 71.2252, 59.0463, 80.3161 looks on a white background.

Color Contrast Check

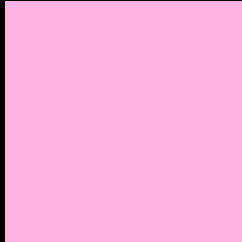
Large Text (above 18pt) WCAG AA × Fail

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 71.2252, 59.0463, 80.3161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

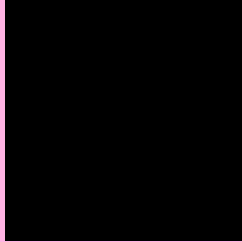
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.2252, 59.0463, 80.3161

Background



This preview shows how black text looks on a background with the XYZ color 71.2252, 59.0463, 80.3161.



This preview shows how white text looks on a background with the XYZ color 71.2252, 59.0463,

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

71.2252, 59.0463, 80.3161

Protanopia

59.0120, 59.5935, 91.6115

Deuteranopia

60.5722, 59.3114, 78.7768



Tritanopia

67.1172, 58.8674, 61.2512

Trichromacy



Original Color

71.2252, 59.0463, 80.3161



Protanomaly

62.5292, 58.7950, 87.4098



Deuteranomaly

63.9990, 58.7571, 79.2023



Tritanomaly

68.3815, 58.7548, 68.0583

Monochromacy



Original Color

71.2252, 59.0463, 80.3161



Achromatopsia

59.3074, 62.3960, 67.9493



Achromatomaly

62.8443, 60.6348, 72.0098

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.2252, 59.0463, 80.3161 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(255, 179, 227)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 227)  
}
```

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(255, 179, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 227) }
```

Border

The CSS property to change the border of an element to XYZ 71.2252, 59.0463, 80.3161 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(255, 179, 227) }
```


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

```
.border{ border-color:rgb(255, 179, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 179, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 227);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 71.2252, 59.0463, 80.3161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 179, 227) }
```

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

```
.background{ background-color: rgb(255,  
179, 227) }
```

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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