

Converting Colors

XYZ(72.2526, 60.1685, 83.8025)

Have a look what the booklet for
XYZ(72.2526, 60.1685, 83.8025)
contains.

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Color

**XYZ(72.3294, 60.1339,
84.1388)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB5E8
RGB	255, 181, 232
RGB Percent	100%, 71%, 91%
CMY	0.0000, 0.2902, 0.0902
CMYK	0.00, 0.29, 0.09, 0.00
HSL	319°, 100%, 85%
HSV	319°, 29%, 100%
XYZ	72.3294, 60.1339, 84.1388
YIQ	208.9400, 27.7330, 31.5490

Conversions

Conversions Part 2

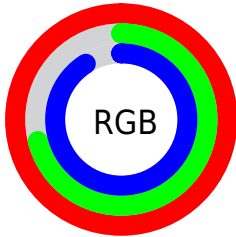
Format	Color
R _Y B	255, 181, 232
Decimal	16758248
CIE Lab	81.91, 34.46, -14.72
CIE LCh	82, 37.470, 336.870
Yxy	60.1339, 0.3339, 0.2776
Android (android.graphics.Color)	4294948328 (0xFFFFB5E8)
YUV	208.9400, 11.3686, 40.3946
Hunter-Lab	77.5461, 30.7864, -10.0484

Details

The XYZ color **72.3294, 60.1339, 84.1388** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **65.7170, 85.7043, 70.2086**, and the grayscale version is **60.4820, 63.6318, 69.2950**.

A 20% lighter version of the original color is **89.8645, 89.6291, 107.1715**, and **38.4518, 30.1836, 44.8737** is the 20% darker color. If you saturate the color by 10%, you get **66.5105, 50.2573, 76.7697**, and if you desaturate by 10%, it is **79.1506, 71.9335, 92.0941**.

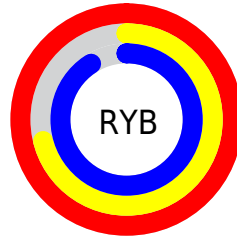
Distribution



Red (100%)

Green (71%)

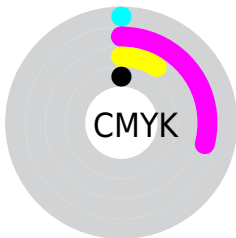
Blue (91%)



Red (100%)

Yellow (71%)

Blue (91%)

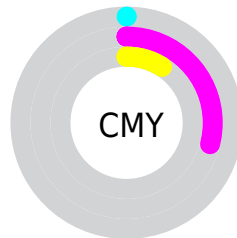


Cyan (0%)

Magenta (29%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.3294, 60.1339, 84.1388 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 72.3294, 60.1339, 84.1388 by changing the saturation by 10% instead.


 72.3294, 60.1339,
84.1388

 72.3294, 60.1339,
84.1388


457.8272,
425.0911, 528.8441

 53.7142, 43.5266,
62.5840


 121.5330,
105.0239, 141.0328

 38.6030, 30.2985,
45.0659

152.8521,
134.0753, 177.2090

 26.6304, 20.0653,
31.1660


189.1367,
168.0436, 219.0962

 17.4310, 12.4425,
20.4658

230.7519,
207.3131, 267.1127

 10.6394, 7.0458,
12.5466

278.0632,
252.2682, 321.6773

 5.8904, 3.4908,
6.9901

331.4360,

 2.8186, 1.3930,

303.2933, 383.2083

3.3775

391.2355,
360.7728, 452.1244

■ 1.0586, 0.2116,
1.2905

■ 0.0000, 0.0000,
0.0540

■ 72.3294, 60.1339,
84.1388

■ 72.3294, 60.1339,
84.1388

■ 66.5105, 50.2573,
76.7697

■ 79.1506, 71.9335,
92.0941

■ 61.6374, 42.1924,
69.9623

■ 87.0187, 85.7447,
100.6514

■ 57.6541, 35.8278,
63.6955

95.0500, 100.0000,
108.9000

■ 54.4965, 31.0369,
57.9445

■ 52.0920, 27.6748,
52.6816

■ 50.3539, 25.5702,
47.8744

■ 49.1552, 24.4696,
43.4769

■ 49.0509, 24.3843,
43.0615

Harmonies

Analogous

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



66.7848, 60.1339, 106.9148



72.3294, 60.1339, 84.1388



73.6411, 60.1339, 60.3977

Triad

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



72.3294, 60.1339, 84.1388



55.3538, 60.1339, 31.0277



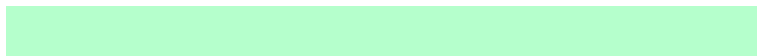
45.8212, 60.1339, 95.2735

Complementary

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



72.3294, 60.1339, 84.1388



65.7170, 85.7043, 70.2086

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.



43.3344, 60.1339, 70.8304



72.3294, 60.1339, 84.1388



48.4993, 60.1339, 36.4233

Square

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



72.3294, 60.1339, 84.1388



63.3465, 60.1339, 33.0084



44.2676, 60.1339, 49.7989



51.3815, 60.1339, 114.3107

Rectangle

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



72.3294, 60.1339, 84.1388



71.8393, 60.1339, 47.6810



44.2676, 60.1339, 49.7989



44.6227, 60.1339, 87.2238

Sweetspot

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



72.3307, 60.1364, 84.1400



87.0333, 85.7704, 100.6667



59.2593, 52.9953, 101.7135



18.3693, 17.9006, 21.2721



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.



72.3307, 60.1364, 84.1400



68.7318, 54.0020, 79.6618



67.7066, 58.2867, 59.7900



18.5382, 18.1986, 21.4513



25.7004, 12.7694, 22.8704



2.5515, 1.2630, 2.4858

Inverse Universe

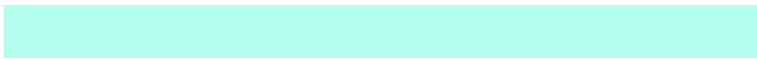
The Inverse Universe completely reimagines the original color for something new.



72.3307, 60.1364, 84.1400



68.7318, 54.0020, 79.6618



70.5755, 87.6477, 95.7928



18.5382, 18.1986, 21.4513



25.7004, 12.7694, 22.8704



2.5515, 1.2630, 2.4858

Previews

White Background



This preview shows how the XYZ color 72.3294, 60.1339, 84.1388 looks on a white background.

Color Contrast Check

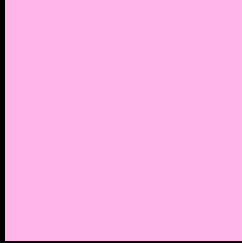
Large Text (above 18pt) WCAG AA × Fail

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 72.3294, 60.1339, 84.1388 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

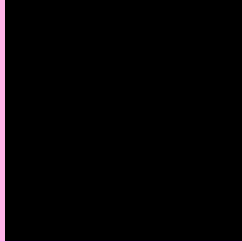
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.3294, 60.1339, 84.1388

Background



This preview shows how black text looks on a background with the XYZ color 72.3294, 60.1339, 84.1388.



This preview shows how white text looks on a background with the XYZ color 72.3294, 60.1339,

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

72.3294, 60.1339, 84.1388

Protanopia

60.2608, 60.4970, 95.6898

Deuteranopia

61.7177, 60.5010, 82.5537



Tritanopia

68.0966, 60.2669, 63.3019

Trichromacy



Original Color

72.3294, 60.1339, 84.1388



Protanomaly

63.7842, 59.6862, 91.3779



Deuteranomaly

65.1275, 59.9064, 82.9934



Tritanomaly

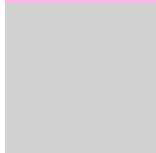
69.3775, 60.1468, 70.2403

Monochromacy



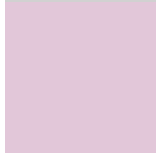
Original Color

72.3294, 60.1339, 84.1388



Achromatopsia

60.6036, 63.7597, 69.4343



Achromatomaly

64.3118, 62.0254, 74.2281

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.3294, 60.1339, 84.1388 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, 181, 232)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 232)  
}
```

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, 181, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 232) }
```

Border

The CSS property to change the border of an element to XYZ 72.3294, 60.1339, 84.1388 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, 181, 232) }
```


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

```
.border{ border-color:rgb(255, 181, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 181, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 181, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 181, 232);  
box-shadow:4px 4px 4px 4px rgb(255, 181,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 72.3294, 60.1339, 84.1388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 181, 232) }
```

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

```
.background{ background-color: rgb(255,  
181, 232) }
```

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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