

Converting Colors

Yxy(58.0442, 0.3190, 0.2585)

Have a look what the booklet for
Yxy(58.0442, 0.3190, 0.2585)
contains.

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Color

Yxy(58.0285, 0.3192, 0.2588)

Conversions

Conversions Part 1

Format	Color
Hex	FAB0F6
RGB	250, 176, 246
RGB Percent	98%, 69%, 96%
CMY	0.0198, 0.3097, 0.0353
CMYK	0.00, 0.30, 0.02, 0.02
HSL	303°, 88%, 84%
HSV	303°, 30%, 98%
XYZ	71.5715, 58.0285, 94.6214
YIQ	206.1060, 21.6340, 37.4580

Conversions

Conversions Part 2

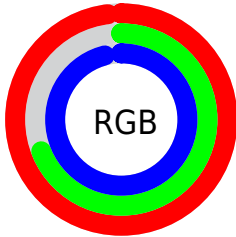
Format	Color
R _Y B	250, 176, 246
Decimal	16429302
CIE Lab	80.75, 37.84, -24.04
CIE LCh	81, 44.831, 327.575
Yxy	58.0285, 0.3192, 0.2588
Android (android.graphics.Color)	4294619382 (0xFFFA0F6)
YUV	206.1060, 19.6677, 38.4950
Hunter-Lab	76.1764, 34.4007, -20.3227

Details

The Yxy color **58.0285, 0.3192, 0.2588** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **80.8685, 0.3065, 0.4110**, and the grayscale version is **61.6553, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.1932, 0.3138, 0.3068**, and **28.9742, 0.3200, 0.2424** is the 20% darker color. If you saturate the color by 10%, you get **49.0315, 0.3217, 0.2357**, and if you desaturate by 10%, it is **68.8357, 0.3168, 0.2827**.

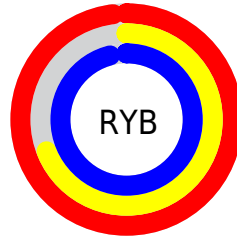
Distribution



Red (98%)

Green (69%)

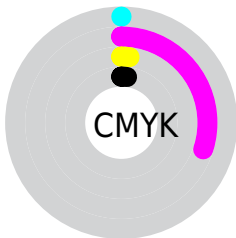
Blue (96%)



Red (98%)

Yellow (69%)

Blue (96%)

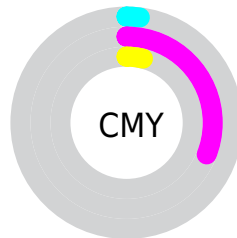


Cyan (0%)

Magenta (30%)

Yellow (2%)

Black (2%)



Cyan (2%)


Magenta (31%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.0285, 0.3192, 0.2588 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 Yxy color 58.0285, 0.3192, 0.2588 by changing the saturation by 10% instead.

 58.0285, 0.3192,
0.2588

 58.0285, 0.3192,
0.2588

417.2921, 0.3169,
0.2905

 41.8316, 0.3195,
0.2518


 101.9644, 0.3185,
0.2696

 28.9694, 0.3199,
0.2432

130.4721, 0.3183,
0.2739

 19.0577, 0.3202,
0.2325


163.8522, 0.3180,
0.2776

 11.7120, 0.3203,
0.2189

202.4890, 0.3177,
0.2808

 6.5479, 0.3201,
0.2010

246.7671, 0.3175,
0.2837

 3.1810, 0.3190,
0.1765


297.0707, 0.3173,

 1.2269, 0.3155,


0.2862

0.1417


353.7842, 0.3171,
0.2885


 0.0835, 0.3254,
0.0268

 0.0000, 0.0000,
0.0000


 58.0285, 0.3192,
0.2588

 58.0285, 0.3192,
0.2588


 49.0315, 0.3217,
0.2357


 68.8357, 0.3168,
0.2827


 41.7380, 0.3242,
0.2144

 81.5371, 0.3146,
0.3067

 36.0418, 0.3267,
0.1960

 96.2207, 0.3126,
0.3300

 31.8217, 0.3291,
0.1811

 98.8216, 0.3117,
0.3325

■ 28.9392, 0.3313,
0.1705

■ 98.9061, 0.3109,
0.3312

■ 27.2296, 0.3332,
0.1644

■ 98.9913, 0.3102,
0.3299

■ 26.4332, 0.3349,
0.1620

■ 99.0550, 0.3096,
0.3290

■ 26.4068, 0.3350,
0.1619

Harmonies

Analogous

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



58.0285, 0.2639, 0.2400



58.0285, 0.3192, 0.2588



58.0285, 0.3777, 0.2926

Triad

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



58.0285, 0.3192, 0.2588



58.0285, 0.4032, 0.4185



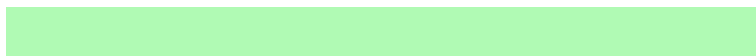
58.0285, 0.2165, 0.3075

Complementary

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



58.0285, 0.3192, 0.2588



80.8685, 0.3065, 0.4110

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.



58.0285, 0.2478, 0.3666



58.0285, 0.3192, 0.2588



58.0285, 0.3551, 0.4354

Square

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



58.0285, 0.3192, 0.2588



58.0285, 0.4279, 0.3806



58.0285, 0.2981, 0.4172



58.0285, 0.2090, 0.2627

Rectangle

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



58.0285, 0.3192, 0.2588



58.0285, 0.4084, 0.3207



58.0285, 0.2981, 0.4172



58.0285, 0.2243, 0.3265

Sweetspot

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



58.0311, 0.3192, 0.2588



86.1427, 0.3145, 0.3080



47.6312, 0.2629, 0.2430



17.9929, 0.3148, 0.3046



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



58.0311, 0.3192, 0.2588



55.3587, 0.3205, 0.2460



55.9949, 0.3494, 0.2943



17.5076, 0.3146, 0.3069



14.0202, 0.3348, 0.1618



1.3033, 0.3330, 0.1608

Inverse Universe

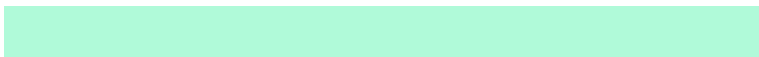
The Inverse Universe completely reimagines the original color for something new.



58.0311, 0.3192, 0.2588



55.3587, 0.3205, 0.2460



82.5677, 0.2868, 0.3668



17.5076, 0.3146, 0.3069



14.0202, 0.3348, 0.1618



1.3033, 0.3330, 0.1608

Previews

White Background



This preview shows how the Yxy color 58.0285, 0.3192, 0.2588 looks on a white background.

Color Contrast Check

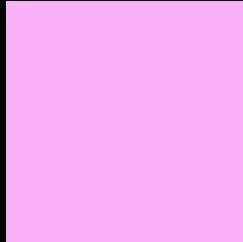
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 58.0285, 0.3192, 0.2588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

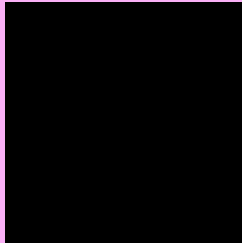
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.0285, 0.3192, 0.2588

Background



This preview shows how black text looks on a background with the Yxy color 58.0285, 0.3192, 0.2588.



This preview shows how white text looks on a background with the Yxy color 58.0285, 0.3192, 0.2588.

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

58.0285, 0.3192, 0.2588

Protanopia

58.5060, 0.2669, 0.2659

Deuteranopia

58.1700, 0.2839, 0.2772



Tritanopia

58.0545, 0.3515, 0.3141

Trichromacy



Original Color

58.0285, 0.3192, 0.2588



Protanomaly

57.8452, 0.2837, 0.2626



Deuteranomaly

57.7717, 0.2962, 0.2704



Tritanomaly

58.0066, 0.3394, 0.2933

Monochromacy



Original Color

58.0285, 0.3192, 0.2588



Achromatopsia

61.7207, 0.3127, 0.3290



Achromatomaly

59.7803, 0.3149, 0.3002

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.0285, 0.3192, 0.2588 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(250, 176, 246)` looks like.

```
.text, #text, p{  
    color:rgb(250, 176, 246)  
}
```

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(250, 176, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 176, 246) }
```

Border

The CSS property to change the border of an element to Yxy 58.0285, 0.3192, 0.2588 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(250, 176, 246) }
```

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

```
.border{ border-color:rgb(250, 176, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 176, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 176, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 176, 246);  
box-shadow:4px 4px 4px 4px rgb(250, 176,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 58.0285, 0.3192, 0.2588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 176, 246) }
```

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

```
.background{ background-color: rgb(250,  
176, 246) }
```

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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