

Converting Colors

$Yxy(58.4816, 0.3305, 0.2830)$

Have a look what the booklet for
Yxy(58.4816, 0.3305, 0.2830)
contains.

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Color

Yxy(58.3594, 0.3305, 0.2832)

Conversions

Conversions Part 1

Format	Color
Hex	F5B6E2
RGB	245, 182, 226
RGB Percent	96%, 71%, 89%
CMY	0.0392, 0.2862, 0.1138
CMYK	0.00, 0.26, 0.08, 0.04
HSL	318°, 76%, 84%
HSV	318°, 26%, 96%
XYZ	68.1066, 58.3594, 79.6054
YIQ	205.8530, 23.4240, 27.0400

Conversions

Conversions Part 2

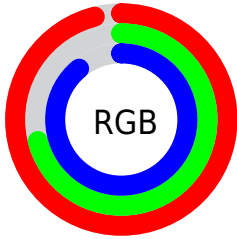
Format	Color
R _Y B	245, 182, 226
Decimal	16103138
CIE _{Lab}	80.94, 29.59, -13.04
CIE _{LCh}	81, 32.333, 336.218
Yxy	58.3594, 0.3305, 0.2832
Android (android.graphics.Color)	4294293218 (0xFFFF5B6E2)
YUV	205.8530, 9.9325, 34.3319
Hunter-Lab	76.3933, 25.4489, -8.3076

Details

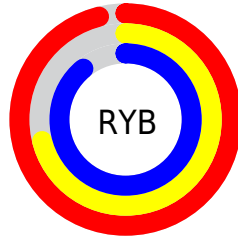
The Yxy color $58.3594, 0.3305, 0.2832$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $79.4666, 0.2986, 0.3797$, and the grayscale version is $61.5476, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.6291, 0.3135, 0.3127$, and $29.0700, 0.3343, 0.2714$ is the 20% darker color. If you saturate the color by 10%, you get $48.7914, 0.3395, 0.2649$, and if you desaturate by 10%, it is $69.7055, 0.3227, 0.3015$.

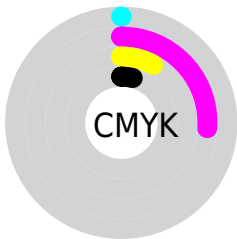
Distribution



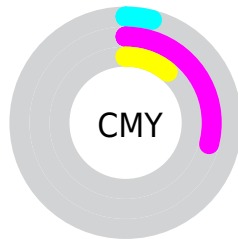
- Red (96%)
- Green (71%)
- Blue (89%)



- Red (96%)
- Yellow (71%)
- Blue (89%)



- Cyan (0%)
- Magenta (26%)
- Yellow (8%)
- Black (4%)




- Cyan (4%)
- Magenta (29%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.3594, 0.3305, 0.2832 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 58.3594, 0.3305, 0.2832 by changing the saturation by 10% instead.

 58.3594, 0.3305,
0.2832

 58.3594, 0.3305,
0.2832


418.5238, 0.3223,
0.3044

 42.0977, 0.3323,
0.2784


 102.4460, 0.3277,
0.2905

 29.1778, 0.3346,
0.2724


131.0397, 0.3266,
0.2934

 19.2153, 0.3375,
0.2649


164.5129, 0.3256,
0.2959

 11.8260, 0.3411,
0.2551

203.2498, 0.3248,
0.2980

 6.6253, 0.3461,
0.2418

247.6350, 0.3241,
0.2999

 3.2289, 0.3531,
0.2228

298.0528, 0.3234,

 1.2524, 0.3636,

0.3015

0.1936

354.8876, 0.3229,
0.3030

0.1039, 0.4209,
0.0532

0.0000, 0.0000,
0.0000

58.3594, 0.3305,
0.2832

58.3594, 0.3305,
0.2832

48.7914, 0.3395,
0.2649

69.7055, 0.3227,
0.3015

40.9021, 0.3498,
0.2474

82.9070, 0.3160,
0.3192

34.5942, 0.3612,
0.2316

97.7193, 0.3104,
0.3356

29.7570, 0.3735,
0.2186

98.1514, 0.3066,
0.3290

■ 26.2656, 0.3864,
0.2096

■ 23.9743, 0.3994,
0.2052

■ 22.7026, 0.4120,
0.2059

■ 22.3516, 0.4174,
0.2073

Harmonies

Analogous

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



58.3594, 0.2884, 0.2653



58.3594, 0.3305, 0.2832



58.3594, 0.3699, 0.3116

Triad

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



58.3594, 0.3305, 0.2832



58.3594, 0.3706, 0.3999



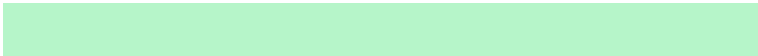
58.3594, 0.2381, 0.3040

Complementary

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



58.3594, 0.3305, 0.2832



79.4666, 0.2986, 0.3797

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.



58.3594, 0.2572, 0.3441



58.3594, 0.3305, 0.2832



58.3594, 0.3330, 0.4032

Square

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



58.3594, 0.3305, 0.2832



58.3594, 0.3934, 0.3775



58.3594, 0.2915, 0.3823



58.3594, 0.2374, 0.2747

Rectangle

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



58.3594, 0.3305, 0.2832



58.3594, 0.3881, 0.3339



58.3594, 0.2915, 0.3823



58.3594, 0.2425, 0.3166

Sweetspot

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



58.3620, 0.3305, 0.2832



87.2774, 0.3175, 0.3152



52.4580, 0.2818, 0.2581



18.2014, 0.3185, 0.3126



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.



58.3620, 0.3305, 0.2832



58.0676, 0.3352, 0.2734



56.7950, 0.3567, 0.3156



16.6780, 0.3184, 0.3126



12.0677, 0.4154, 0.2062



1.0788, 0.4007, 0.1981

Inverse Universe

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



58.3620, 0.3305, 0.2832



58.0676, 0.3352, 0.2734



81.0967, 0.2815, 0.3430



16.6780, 0.3184, 0.3126



12.0677, 0.4154, 0.2062



1.0788, 0.4007, 0.1981

Previews

White Background



This preview shows how the Yxy color 58.3594, 0.3305, 0.2832 looks on a white background.

Color Contrast Check

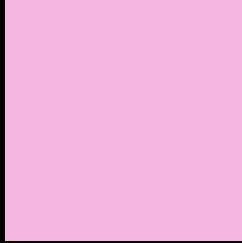
Large Text (above 18pt) WCAG AA × Fail

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 58.3594, 0.3305, 0.2832 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 58.3594, 0.3305, 0.2832

Background



This preview shows how black text looks on a background with the Yxy color 58.3594, 0.3305, 0.2832.



This preview shows how white text looks on a background with the Yxy color 58.3594, 0.3305, 0.2832.

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

58.3594, 0.3305, 0.2832

Protanopia

58.8923, 0.2832, 0.2866

Deuteranopia

58.6565, 0.3049, 0.2984



Tritanopia

58.2121, 0.3479, 0.3129

Trichromacy



Original Color

58.3594, 0.3305, 0.2832



Protanomaly

58.1693, 0.2994, 0.2845



Deuteranomaly

58.3314, 0.3136, 0.2926



Tritanomaly

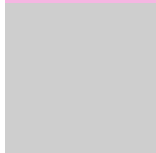
58.4058, 0.3415, 0.3024

Monochromacy



Original Color

58.3594, 0.3305, 0.2832



Achromatopsia

61.7207, 0.3127, 0.3290



Achromatomaly

59.9522, 0.3191, 0.3111

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.3594, 0.3305, 0.2832 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, 226)` looks like.

```
.text, #text, p{  
    color:rgb(245, 182, 226)  
}
```

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, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 182, 226) }
```

Border

The CSS property to change the border of an element to Yxy 58.3594, 0.3305, 0.2832 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, 226) }
```

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

```
.border{ border-color:rgb(245, 182, 226) }
```

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, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 182, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 182, 226); box-shadow:4px 4px 4px 4px rgb(245, 182, 226) }
```


Background

The CSS property to change the background color of an element to Yxy 58.3594, 0.3305, 0.2832 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, 226) }
```

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

```
.background{ background-color: rgb(245,  
182, 226) }
```

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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