

Converting Colors

$Y_{xy}(58.7929, 0.3380, 0.2927)$

Have a look what the booklet for
Yxy(58.7929, 0.3380, 0.2927)
contains.

Yxy(58.7031, 0.3385, 0.2925)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(58.7031, 0.3385, 0.2925)

Conversions

Conversions Part 1

Format	Color
Hex	F7B7DA
RGB	247, 183, 218
RGB Percent	97%, 72%, 85%
CMY	0.0315, 0.2823, 0.1452
CMYK	0.00, 0.26, 0.12, 0.03
HSL	327°, 80%, 84%
HSV	327°, 26%, 97%
XYZ	67.9350, 58.7031, 74.0562
YIQ	206.1260, 26.9090, 24.4530

Conversions

Conversions Part 2

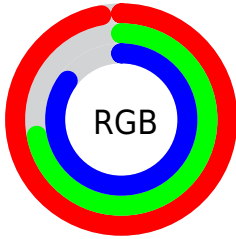
Format	Color
R _Y B	247, 183, 218
Decimal	16234458
CIE Lab	81.13, 28.39, -8.42
CIE LCh	81, 29.616, 343.476
Yxy	58.7031, 0.3385, 0.2925
Android (android.graphics.Color)	4294424538 (0xFF7B7DA)
YUV	206.1260, 5.8539, 35.8465
Hunter-Lab	76.6179, 24.1897, -3.6751

Details

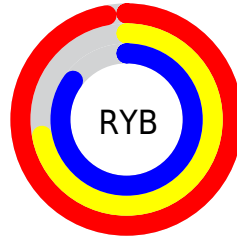
The Yxy color $58.7031, 0.3385, 0.2925$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $81.3296, 0.2932, 0.3687$, and the grayscale version is $61.7554, 0.3127, 0.3290$.

A 20% lighter version of the original color is $90.2130, 0.3134, 0.3136$, and $29.2920, 0.3452, 0.2833$ is the 20% darker color. If you saturate the color by 10%, you get $48.8276, 0.3520, 0.2778$, and if you desaturate by 10%, it is $70.4111, 0.3271, 0.3071$.

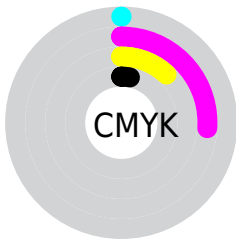
Distribution



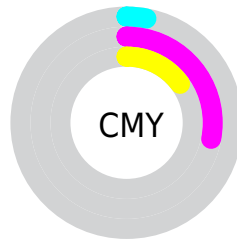
- Red (97%)
- Green (72%)
- Blue (85%)



- Red (97%)
- Yellow (72%)
- Blue (85%)



- Cyan (0%)
- Magenta (26%)
- Yellow (12%)
- Black (3%)





- Cyan (3%)
- Magenta (28%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.7031, 0.3385, 0.2925 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 58.7031, 0.3385, 0.2925 by changing the saturation by 10% instead.

 58.7031, 0.3385,
0.2925

 58.7031, 0.3385,
0.2925

419.8008, 0.3264,
0.3095

 42.3742, 0.3413,
0.2886

 102.9460, 0.3342,
0.2984

 29.3944, 0.3448,
0.2837


131.6288, 0.3326,
0.3007

 19.3794, 0.3493,
0.2776


165.1983, 0.3312,
0.3027

 11.9447, 0.3553,
0.2694

204.0390, 0.3300,
0.3044

 6.7060, 0.3635,
0.2583

248.5351, 0.3289,
0.3059

 3.2790, 0.3757,
0.2422

299.0712, 0.3280,

 1.2790, 0.3954,

0.3073

0.2167

356.0316, 0.3271,
0.3085

0.1249, 0.4886,
0.0752

0.0000, 0.0000,
0.0000

58.7031, 0.3385,
0.2925

58.7031, 0.3385,
0.2925

48.8276, 0.3520,
0.2778

70.4111, 0.3271,
0.3071

40.6824, 0.3678,
0.2638

84.0309, 0.3176,
0.3211

34.1676, 0.3859,
0.2512

98.2903, 0.3097,
0.3323

29.1694, 0.4060,
0.2412

98.5091, 0.3078,
0.3290

■ 25.5596, 0.4275,
0.2352

■ 23.1882, 0.4496,
0.2342

■ 21.8696, 0.4711,
0.2387

■ 21.5171, 0.4798,
0.2417

Harmonies

Analogous

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



58.7031, 0.2995, 0.2732



58.7031, 0.3385, 0.2925



58.7031, 0.3719, 0.3205

Triad

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



58.7031, 0.3385, 0.2925



58.7031, 0.3585, 0.3965



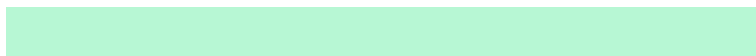
58.7031, 0.2424, 0.2987

Complementary

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



58.7031, 0.3385, 0.2925



81.3296, 0.2932, 0.3687

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.



58.7031, 0.2561, 0.3337



58.7031, 0.3385, 0.2925



58.7031, 0.3222, 0.3938

Square

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



58.7031, 0.3385, 0.2925



58.7031, 0.3833, 0.3799



58.7031, 0.2849, 0.3700



58.7031, 0.2459, 0.2750

Rectangle

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



58.7031, 0.3385, 0.2925



58.7031, 0.3854, 0.3414



58.7031, 0.2849, 0.3700



58.7031, 0.2451, 0.3095

Sweetspot

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



58.7058, 0.3385, 0.2925



87.0862, 0.3194, 0.3182



54.5575, 0.2887, 0.2590



18.1532, 0.3208, 0.3161



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.



58.7058, 0.3385, 0.2925



57.4132, 0.3452, 0.2849



57.2001, 0.3654, 0.3257



16.6340, 0.3208, 0.3161



11.4116, 0.4764, 0.2398



1.0237, 0.4515, 0.2261

Inverse Universe

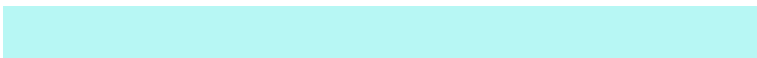
The Inverse Universe completely reimagines the original color for something new.



58.7058, 0.3385, 0.2925



57.4132, 0.3452, 0.2849



83.0927, 0.2763, 0.3324



16.6340, 0.3208, 0.3161



11.4116, 0.4764, 0.2398



1.0237, 0.4515, 0.2261

Previews

White Background



This preview shows how the Yxy color 58.7031, 0.3385, 0.2925 looks on a white background.

Color Contrast Check

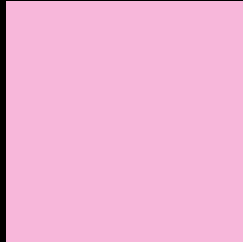
Large Text (above 18pt) WCAG AA × Fail

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 58.7031, 0.3385, 0.2925 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

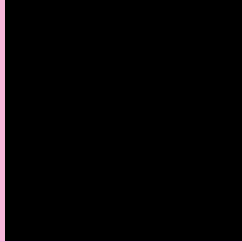
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.7031, 0.3385, 0.2925

Background



This preview shows how black text looks on a background with the Yxy color 58.7031, 0.3385, 0.2925.



This preview shows how white text looks on a background with the Yxy color 58.7031, 0.3385, 0.2925.

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

58.7031, 0.3385, 0.2925

Protanopia

58.8360, 0.2904, 0.2955

Deuteranopia

58.8848, 0.3130, 0.3064



Tritanopia

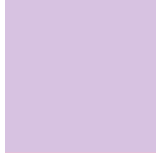
58.7004, 0.3513, 0.3141

Trichromacy



Original Color

58.7031, 0.3385, 0.2925



Protanomaly

58.4669, 0.3066, 0.2943



Deuteranomaly

58.6023, 0.3221, 0.3004



Tritanomaly

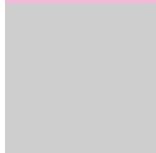
58.7957, 0.3465, 0.3058

Monochromacy



Original Color

58.7031, 0.3385, 0.2925



Achromatopsia

61.7207, 0.3127, 0.3290



Achromatomaly

60.4135, 0.3220, 0.3156

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.7031, 0.3385, 0.2925 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(247, 183, 218)` looks like.

```
.text, #text, p{  
    color:rgb(247, 183, 218)  
}
```

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(247, 183, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 183, 218) }
```

Border

The CSS property to change the border of an element to Yxy 58.7031, 0.3385, 0.2925 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(247, 183, 218) }
```

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

```
.border{ border-color:rgb(247, 183, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 183, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 183, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 183, 218); box-shadow:4px 4px 4px 4px rgb(247, 183, 218) }
```


Background

The CSS property to change the background color of an element to Yxy 58.7031, 0.3385, 0.2925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 183, 218) }
```

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

```
.background{ background-color: rgb(247,  
183, 218) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor