

Converting Colors

$Y_{xy}(58.9364, 0.3230, 0.2817)$

Have a look what the booklet for
Yxy(58.9364, 0.3230, 0.2817)
contains.

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Color

Yxy(58.9364, 0.3230, 0.2817)

Conversions

Conversions Part 1

Format	Color
Hex	F0B9E6
RGB	240, 185, 230
RGB Percent	94%, 73%, 90%
CMY	0.0587, 0.2745, 0.0979
CMYK	0.00, 0.23, 0.04, 0.06
HSL	311°, 65%, 83%
HSV	311°, 23%, 94%
XYZ	67.5771, 58.9364, 82.7034
YIQ	206.5750, 18.3350, 25.6550

Conversions

Conversions Part 2

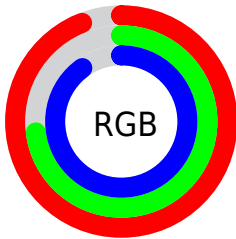
Format	Color
R _Y B	240, 185, 230
Decimal	15776230
CIE Lab	81.26, 27.05, -14.80
CIE LCh	81, 30.835, 331.322
Yxy	58.9364, 0.3230, 0.2817
Android (android.graphics.Color)	4293966310 (0xFFFF0B9E6)
YUV	206.5750, 11.5485, 29.3137
Hunter-Lab	76.7700, 22.7776, -10.1334

Details

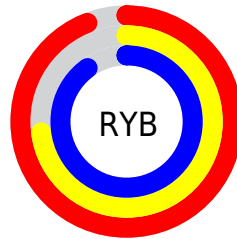
The Yxy color $58.9364, 0.3230, 0.2817$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $76.5872, 0.3039, 0.3814$, and the grayscale version is $62.0282, 0.3127, 0.3290$.

A 20% lighter version of the original color is $91.3906, 0.3133, 0.3156$, and $29.3559, 0.3252, 0.2706$ is the 20% darker color. If you saturate the color by 10%, you get $49.4888, 0.3285, 0.2607$, and if you desaturate by 10%, it is $70.0905, 0.3181, 0.3027$.

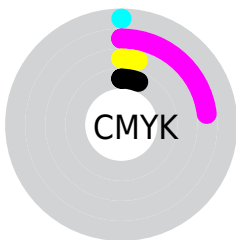
Distribution



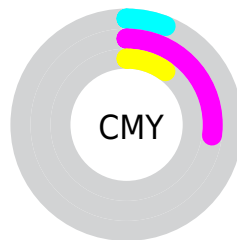
- Red (94%)
- Green (73%)
- Blue (90%)



- Red (94%)
- Yellow (73%)
- Blue (90%)



- Cyan (0%)
- Magenta (23%)
- Yellow (4%)
- Black (6%)




- Cyan (6%)
- Magenta (27%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.9364, 0.3230, 0.2817 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 58.9364, 0.3230, 0.2817 by changing the saturation by 10% instead.


 58.9364, 0.3230,
0.2817

 58.9364, 0.3230,
0.2817


420.6662, 0.3185,
0.3035

 42.5619, 0.3240,
0.2767


 103.2852, 0.3215,
0.2892

 29.5415, 0.3252,
0.2706


132.0284, 0.3209,
0.2922

 19.4909, 0.3266,
0.2629


165.6632, 0.3203,
0.2947

 12.0255, 0.3284,
0.2529

204.5741, 0.3199,
0.2969

 6.7610, 0.3307,
0.2393

249.1454, 0.3195,
0.2989

 3.3131, 0.3337,
0.2201

299.7616, 0.3191,

 1.2973, 0.3374,

0.3006

0.1907

356.8071, 0.3188,
0.3021

0.1391, 0.3712,
0.0652

0.0000, 0.0000,
0.0000

58.9364, 0.3230,
0.2817

58.9364, 0.3230,
0.2817

49.4888, 0.3285,
0.2607

70.0905, 0.3181,
0.3027

41.6547, 0.3347,
0.2404

83.0223, 0.3138,
0.3232

35.3443, 0.3413,
0.2219

96.5271, 0.3103,
0.3407

30.4556, 0.3483,
0.2061

96.7936, 0.3078,
0.3364

■ 26.8744, 0.3554,
0.1940

■ 97.0664, 0.3053,
0.3321

■ 24.4687, 0.3625,
0.1863

■ 97.2696, 0.3036,
0.3290

■ 23.0785, 0.3693,
0.1832

■ 22.5363, 0.3739,
0.1833

Harmonies

Analogous

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



58.9364, 0.2836, 0.2666



58.9364, 0.3230, 0.2817



58.9364, 0.3617, 0.3076

Triad

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



58.9364, 0.3230, 0.2817



58.9364, 0.3727, 0.3941



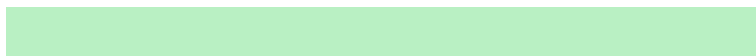
58.9364, 0.2434, 0.3111

Complementary

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



58.9364, 0.3230, 0.2817



76.5872, 0.3039, 0.3814

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.



58.9364, 0.2644, 0.3498



58.9364, 0.3230, 0.2817



58.9364, 0.3385, 0.4004

Square

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



58.9364, 0.3230, 0.2817



58.9364, 0.3911, 0.3708



58.9364, 0.2989, 0.3841



58.9364, 0.2398, 0.2810

Rectangle

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



58.9364, 0.3230, 0.2817



58.9364, 0.3809, 0.3285



58.9364, 0.2989, 0.3841



58.9364, 0.2486, 0.3236

Sweetspot

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



58.9390, 0.3230, 0.2817



88.9284, 0.3155, 0.3149



52.4778, 0.2803, 0.2657



18.8404, 0.3158, 0.3137



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.



58.9390, 0.3230, 0.2817



61.7883, 0.3258, 0.2708



57.5516, 0.3445, 0.3092



15.9793, 0.3166, 0.3099



12.3520, 0.3729, 0.1828



1.0403, 0.3648, 0.1783

Inverse Universe

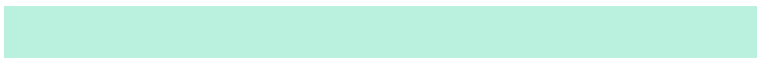
The Inverse Universe completely reimagines the original color for something new.



58.9390, 0.3230, 0.2817



61.7883, 0.3258, 0.2708



77.9048, 0.2887, 0.3497



15.9793, 0.3166, 0.3099



12.3520, 0.3729, 0.1828



1.0403, 0.3648, 0.1783

Previews

White Background



This preview shows how the Yxy color 58.9364, 0.3230, 0.2817 looks on a white background.

Color Contrast Check

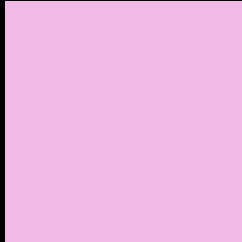
Large Text (above 18pt) WCAG AA × Fail

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 58.9364, 0.3230, 0.2817 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

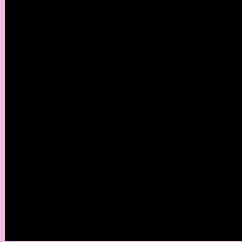
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.9364, 0.3230, 0.2817

Background



This preview shows how black text looks on a background with the Yxy color 58.9364, 0.3230, 0.2817.



This preview shows how white text looks on a background with the Yxy color 58.9364, 0.3230, 0.2817.

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

58.9364, 0.3230, 0.2817

Protanopia

59.0692, 0.2813, 0.2834

Deuteranopia

59.2356, 0.3006, 0.2941



Tritanopia

59.1911, 0.3406, 0.3139

Trichromacy



Original Color

58.9364, 0.3230, 0.2817



Protanomaly

58.9352, 0.2958, 0.2834



Deuteranomaly

59.1692, 0.3083, 0.2894



Tritanomaly

58.9477, 0.3345, 0.3022

Monochromacy



Original Color

58.9364, 0.3230, 0.2817



Achromatopsia

62.3960, 0.3127, 0.3290



Achromatomaly

60.8132, 0.3167, 0.3111

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.9364, 0.3230, 0.2817 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(240, 185, 230)` looks like.

```
.text, #text, p{  
    color:rgb(240, 185, 230)  
}
```

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(240, 185, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 185, 230) }
```

Border

The CSS property to change the border of an element to Yxy 58.9364, 0.3230, 0.2817 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(240, 185, 230) }
```

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

```
.border{ border-color:rgb(240, 185, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 185, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 185, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 185, 230);  
box-shadow:4px 4px 4px 4px rgb(240, 185,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 58.9364, 0.3230, 0.2817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 185, 230) }
```

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

```
.background{ background-color: rgb(240,  
185, 230) }
```

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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