

Converting Colors

$Yxy(58.9072, 0.3367, 0.3112)$

Have a look what the booklet for
Yxy(58.9072, 0.3367, 0.3112)
contains.

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Color

Yxy(58.9453, 0.3373, 0.3116)

Conversions

Conversions Part 1

Format	Color
Hex	EBBECE
RGB	235, 190, 206
RGB Percent	92%, 75%, 81%
CMY	0.0786, 0.2548, 0.1921
CMYK	0.00, 0.19, 0.12, 0.08
HSL	339°, 53%, 83%
HSV	339°, 19%, 92%
XYZ	63.8070, 58.9453, 66.4175
YIQ	205.2790, 21.6840, 14.5160

Conversions

Conversions Part 2

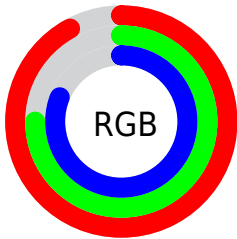
Format	Color
R _Y B	235, 190, 206
Decimal	15449806
CIE Lab	81.26, 18.57, -1.93
CIE LCh	81, 18.673, 354.082
Yxy	58.9453, 0.3373, 0.3116
Android (android.graphics.Color)	4293639886 (0xFFEBBECE)
YUV	205.2790, 0.3555, 26.0653
Hunter-Lab	76.7758, 13.9903, 2.4523

Details

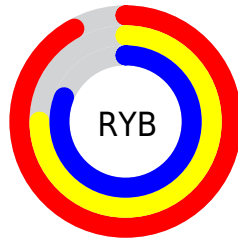
The Yxy color **58.9453, 0.3373, 0.3116** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.4569, 0.2931, 0.3471**, and the grayscale version is **61.2248, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3915, 0.3131, 0.3204**, and **29.4590, 0.3438, 0.3063** is the 20% darker color. If you saturate the color by 10%, you get **48.8752, 0.3544, 0.3019**, and if you desaturate by 10%, it is **70.7323, 0.3233, 0.3209**.

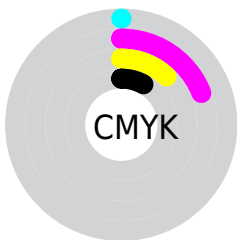
Distribution



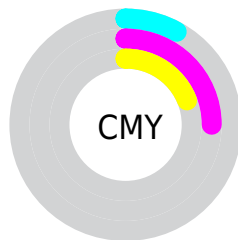
- Red (92%)
- Green (75%)
- Blue (81%)



- Red (92%)
- Yellow (75%)
- Blue (81%)



- Cyan (0%)
- Magenta (19%)
- Yellow (12%)
- Black (8%)




- Cyan (8%)
- Magenta (25%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.9453, 0.3373, 0.3116 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 58.9453, 0.3373, 0.3116 by changing the saturation by 10% instead.

 58.9453, 0.3373,
0.3116

 58.9453, 0.3373,
0.3116


420.6992, 0.3255,
0.3199

 42.5691, 0.3401,
0.3096


 103.2982, 0.3331,
0.3145

 29.5472, 0.3436,
0.3072


132.0436, 0.3315,
0.3156

 19.4951, 0.3482,
0.3040


165.6809, 0.3302,
0.3166

 12.0286, 0.3543,
0.2998

204.5945, 0.3290,
0.3174

 6.7632, 0.3629,
0.2939

249.1687, 0.3280,
0.3182

 3.3144, 0.3761,
0.2849

299.7879, 0.3271,

 1.2980, 0.3985,

0.3188

0.2700

356.8366, 0.3262,
0.3194

0.1397, 0.5789,
0.1379

0.0000, 0.0000,
0.0000

58.9453, 0.3373,
0.3116

58.9453, 0.3373,
0.3116

48.8752, 0.3544,
0.3019

70.7323, 0.3233,
0.3209

40.4335, 0.3751,
0.2923

84.3032, 0.3118,
0.3297

33.5358, 0.3997,
0.2833

96.1668, 0.3025,
0.3325

28.0871, 0.4282,
0.2760

96.3957, 0.3005,
0.3290

■ 23.9816, 0.4601,
0.2714

■ 21.0988, 0.4937,
0.2709

■ 19.2964, 0.5268,
0.2754

■ 18.3554, 0.5567,
0.2846

■ 18.2901, 0.5592,
0.2854

Harmonies

Analogous

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



58.9453, 0.3133, 0.2964



58.9453, 0.3373, 0.3116



58.9453, 0.3549, 0.3313

Triad

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



58.9453, 0.3373, 0.3116



58.9453, 0.3345, 0.3719



58.9453, 0.2669, 0.3041

Complementary

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



58.9453, 0.3373, 0.3116



75.4569, 0.2931, 0.3471

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.



58.9453, 0.2722, 0.3243



58.9453, 0.3373, 0.3116



58.9453, 0.3106, 0.3649

Square

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



58.9453, 0.3373, 0.3116



58.9453, 0.3531, 0.3664



58.9453, 0.2879, 0.3471



58.9453, 0.2733, 0.2916

Rectangle

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



58.9453, 0.3373, 0.3116



58.9453, 0.3603, 0.3449



58.9453, 0.2879, 0.3471



58.9453, 0.2674, 0.3102

Sweetspot

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



58.9479, 0.3373, 0.3116



90.0052, 0.3195, 0.3237



57.8111, 0.3022, 0.2797



19.0422, 0.3202, 0.3232



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.



58.9479, 0.3373, 0.3116



65.9196, 0.3437, 0.3078



60.8592, 0.3491, 0.3357



15.1426, 0.3237, 0.3206



10.2051, 0.5550, 0.2831



0.8191, 0.5167, 0.2620

Inverse Universe

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



58.9479, 0.3373, 0.3116



65.9196, 0.3437, 0.3078



72.9672, 0.2837, 0.3222



15.1426, 0.3237, 0.3206



10.2051, 0.5550, 0.2831



0.8191, 0.5167, 0.2620

Previews

White Background



This preview shows how the Yxy color 58.9453, 0.3373, 0.3116 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 58.9453, 0.3373, 0.3116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

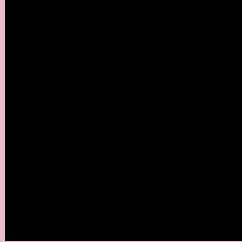
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.9453, 0.3373, 0.3116

Background



This preview shows how black text looks on a background with the Yxy color 58.9453, 0.3373, 0.3116.



This preview shows how white text looks on a background with the Yxy color 58.9453, 0.3373, 0.3116.

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

58.9453, 0.3373, 0.3116

Protanopia

59.2233, 0.3064, 0.3162

Deuteranopia

59.1033, 0.3252, 0.3188



Tritanopia

58.8969, 0.3382, 0.3127

Trichromacy



Original Color

58.9453, 0.3373, 0.3116

Protanomaly

59.0327, 0.3173, 0.3142

Deuteranomaly

58.9989, 0.3294, 0.3167

Tritanomaly

58.8969, 0.3382, 0.3127

Monochromacy



Original Color

58.9453, 0.3373, 0.3116

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.3153, 0.3216, 0.3233

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.9453, 0.3373, 0.3116 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(235, 190, 206)` looks like.

```
.text, #text, p{  
    color:rgb(235, 190, 206)  
}
```

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(235, 190, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 190, 206) }
```

Border

The CSS property to change the border of an element to Yxy 58.9453, 0.3373, 0.3116 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(235, 190, 206) }
```

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

```
.border{ border-color:rgb(235, 190, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 190, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 190, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 190, 206);  
box-shadow:4px 4px 4px 4px rgb(235, 190,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 58.9453, 0.3373, 0.3116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 190, 206) }
```

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

```
.background{ background-color: rgb(235,  
190, 206) }
```

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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