

Converting Colors

Yxy(59.8743, 0.3480, 0.3183)

Have a look what the booklet for
Yxy(59.8743, 0.3480, 0.3183)
contains.

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Color

Yxy(59.8743, 0.3480, 0.3183)

Conversions

Conversions Part 1

Format	Color
Hex	F2BEC8
RGB	242, 190, 200
RGB Percent	95%, 75%, 78%
CMY	0.0510, 0.2549, 0.2155
CMYK	0.00, 0.21, 0.17, 0.05
HSL	348°, 67%, 85%
HSV	348°, 21%, 95%
XYZ	65.4611, 59.8743, 62.7711
YIQ	206.6880, 27.7820, 14.1340

Conversions

Conversions Part 2

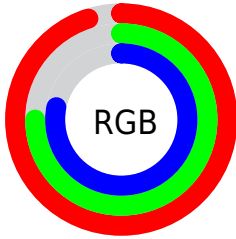
Format	Color
R_{YB}	242, 190, 200
Decimal	15908552
CIE _{Lab}	81.77, 20.13, 2.11
CIE _{LCh}	82, 20.244, 5.993
Yxy	59.8743, 0.3480, 0.3183
Android (android.graphics.Color)	4294098632 (0xFFFF2BEC8)
YUV	206.6880, -3.2972, 30.9686
Hunter-Lab	77.3785, 15.5960, 6.0676

Details

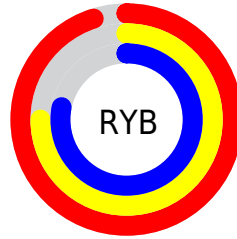
The Yxy color **59.8743, 0.3480, 0.3183** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.2791, 0.2861, 0.3400**, and the grayscale version is **62.1968, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0015, 0.3131, 0.3214**, and **29.9979, 0.3572, 0.3151** is the 20% darker color. If you saturate the color by 10%, you get **49.3938, 0.3708, 0.3130**, and if you desaturate by 10%, it is **72.2174, 0.3296, 0.3235**.

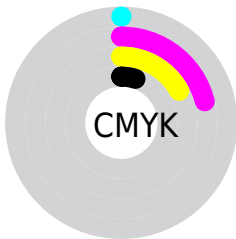
Distribution



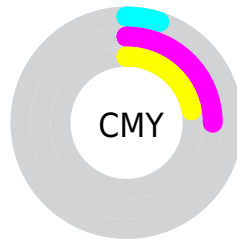
- Red (95%)
- Green (75%)
- Blue (78%)



- Red (95%)
- Yellow (75%)
- Blue (78%)



- Cyan (0%)
- Magenta (21%)
- Yellow (17%)
- Black (5%)



- Cyan (5%)
- Magenta (25%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.8743, 0.3480, 0.3183 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 59.8743, 0.3480, 0.3183 by changing the saturation by 10% instead.

 59.8743, 0.3480,
0.3183

 59.8743, 0.3480,
0.3183


424.1343, 0.3310,
0.3235

 43.3173, 0.3520,
0.3170


 104.6473, 0.3420,
0.3202

 30.1342, 0.3571,
0.3154

133.6321, 0.3397,
0.3209

 19.9405, 0.3637,
0.3133


167.5283, 0.3377,
0.3215

 12.3518, 0.3726,
0.3104

206.7204, 0.3360,
0.3220

 6.9837, 0.3852,
0.3063

251.5926, 0.3345,
0.3225

 3.4519, 0.4044,
0.2999

302.5294, 0.3332,

 1.3720, 0.4372,

0.3229

0.2885

359.9151, 0.3321,
0.3232

0.1959, 0.7216,
0.2086

0.0000, 0.0000,
0.0000

59.8743, 0.3480,
0.3183

59.8743, 0.3480,
0.3183

49.3938, 0.3708,
0.3130

72.2174, 0.3296,
0.3235

40.6774, 0.3986,
0.3079

86.4990, 0.3147,
0.3283

33.6302, 0.4319,
0.3034

97.6182, 0.3048,
0.3290

28.1447, 0.4702,
0.3004

■ 24.1010, 0.5119,
0.2997

■ 21.3617, 0.5533,
0.3022

■ 19.7623, 0.5893,
0.3082

■ 19.0810, 0.6127,
0.3149

Harmonies

Analogous

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



59.8743, 0.3239, 0.2996



59.8743, 0.3480, 0.3183



59.8743, 0.3625, 0.3402

Triad

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



59.8743, 0.3480, 0.3183



59.8743, 0.3262, 0.3740



59.8743, 0.2647, 0.2955

Complementary

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



59.8743, 0.3480, 0.3183



80.2791, 0.2861, 0.3400

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.



59.8743, 0.2654, 0.3145



59.8743, 0.3480, 0.3183



59.8743, 0.3002, 0.3613

Square

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



59.8743, 0.3480, 0.3183



59.8743, 0.3494, 0.3732



59.8743, 0.2781, 0.3389



59.8743, 0.2763, 0.2863

Rectangle

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



59.8743, 0.3480, 0.3183



59.8743, 0.3644, 0.3541



59.8743, 0.2781, 0.3389



59.8743, 0.2636, 0.3009

Sweetspot

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



59.8770, 0.3480, 0.3183



89.8538, 0.3210, 0.3262



60.3278, 0.3072, 0.2742



19.0065, 0.3220, 0.3258



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.



59.8770, 0.3480, 0.3183



61.7666, 0.3579, 0.3159



66.5470, 0.3528, 0.3458



15.8087, 0.3263, 0.3245



10.2649, 0.6092, 0.3130



0.8674, 0.5744, 0.2938

Inverse Universe

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



59.8770, 0.3480, 0.3183



61.7666, 0.3579, 0.3159



71.9709, 0.2795, 0.3115



15.8087, 0.3263, 0.3245



10.2649, 0.6092, 0.3130



0.8674, 0.5744, 0.2938

Previews

White Background



This preview shows how the Yxy color 59.8743, 0.3480, 0.3183 looks on a white background.

Color Contrast Check

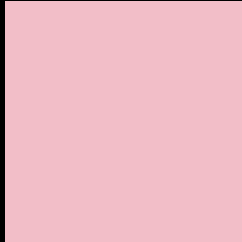
Large Text (above 18pt) WCAG AA × Fail

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 59.8743, 0.3480, 0.3183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

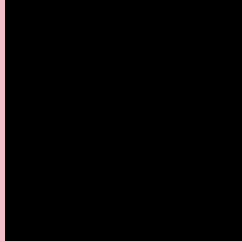
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.8743, 0.3480, 0.3183

Background



This preview shows how black text looks on a background with the Yxy color 59.8743, 0.3480, 0.3183.



This preview shows how white text looks on a background with the Yxy color 59.8743, 0.3480, 0.3183.

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

59.8743, 0.3480, 0.3183

Protanopia

59.8679, 0.3122, 0.3232

Deuteranopia

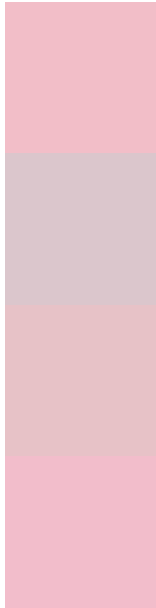
60.0636, 0.3337, 0.3268



Tritanopia

59.6321, 0.3449, 0.3130

Trichromacy



Original Color

59.8743, 0.3480, 0.3183

Protanomaly

59.8079, 0.3249, 0.3222

Deuteranomaly

59.6960, 0.3390, 0.3235

Tritanomaly

59.5842, 0.3457, 0.3141

Monochromacy



Original Color

59.8743, 0.3480, 0.3183

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

61.3486, 0.3254, 0.3257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.8743, 0.3480, 0.3183 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(242, 190, 200)` looks like.

```
.text, #text, p{  
    color:rgb(242, 190, 200)  
}
```

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(242, 190, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 190, 200) }
```

Border

The CSS property to change the border of an element to Yxy 59.8743, 0.3480, 0.3183 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(242, 190, 200) }
```

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

```
.border{ border-color:rgb(242, 190, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 190, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 190, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 190, 200);  
box-shadow:4px 4px 4px 4px rgb(242, 190,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 59.8743, 0.3480, 0.3183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 190, 200) }
```

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

```
.background{ background-color: rgb(242,  
190, 200) }
```

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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