

Converting Colors

Yxy(59.3424, 0.3570, 0.3299)

Have a look what the booklet for
Yxy(59.3424, 0.3570, 0.3299)
contains.

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Color

Yxy(59.3783, 0.3571, 0.3302)

Conversions

Conversions Part 1

Format	Color
Hex	F2BEBD
RGB	242, 190, 189
RGB Percent	95%, 75%, 74%
CMY	0.0510, 0.2549, 0.2587
CMYK	0.00, 0.21, 0.22, 0.05
HSL	1°, 67%, 85%
HSV	1°, 22%, 95%
XYZ	64.2156, 59.3783, 56.2314
YIQ	205.4340, 31.3130, 10.7130

Conversions

Conversions Part 2

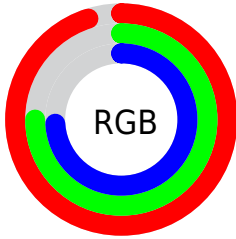
Format	Color
R _Y B	242, 190, 189
Decimal	15908541
CIE Lab	81.50, 18.48, 7.64
CIE LCh	81, 19.999, 22.461
Yxy	59.3783, 0.3571, 0.3302
Android (android.graphics.Color)	4294098621 (0xFFFF2BEBD)
YUV	205.4340, -8.1020, 32.0684
Hunter-Lab	77.0573, 13.9024, 10.6742

Details

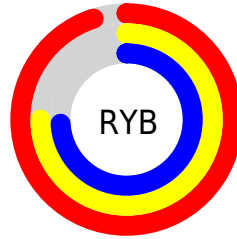
The Yxy color **59.3783, 0.3571, 0.3302** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.1429, 0.2801, 0.3278**, and the grayscale version is **61.3806, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7641, 0.3191, 0.3300**, and **29.7002, 0.3686, 0.3292** is the 20% darker color. If you saturate the color by 10%, you get **48.9530, 0.3857, 0.3308**, and if you desaturate by 10%, it is **71.6603, 0.3341, 0.3296**.

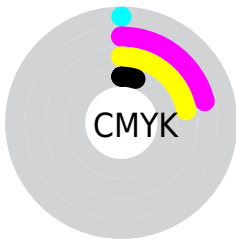
Distribution



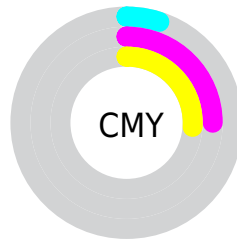
- Red (95%)
- Green (75%)
- Blue (74%)



- Red (95%)
- Yellow (75%)
- Blue (74%)



- Cyan (0%)
- Magenta (21%)
- Yellow (22%)
- Black (5%)





- Cyan (5%)
- Magenta (25%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.3783, 0.3571, 0.3302 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 59.3783, 0.3571, 0.3302 by changing the saturation by 10% instead.


 59.3783, 0.3571,
0.3302

 59.3783, 0.3571,
0.3302


422.3024, 0.3356,
0.3300

 42.9177, 0.3622,
0.3302


 103.9273, 0.3495,
0.3302

 29.8206, 0.3687,
0.3301


132.7845, 0.3465,
0.3302

 19.7024, 0.3772,
0.3299


166.5427, 0.3441,
0.3301

 12.1789, 0.3885,
0.3295

205.5863, 0.3419,
0.3301

 6.8657, 0.4047,
0.3286

250.2996, 0.3400,
0.3301

 3.3782, 0.4296,
0.3266

301.0672, 0.3384,

 1.3322, 0.4724,

0.3300

0.3218

358.2733, 0.3369,
0.3300

0.1660, 0.7858,
0.2142

0.0000, 0.0000,
0.0000

59.3783, 0.3571,
0.3302

59.3783, 0.3571,
0.3302

48.9530, 0.3857,
0.3308

71.6603, 0.3341,
0.3296

40.2865, 0.4207,
0.3314

85.8746, 0.3157,
0.3291

33.2844, 0.4623,
0.3319

97.6154, 0.3047,
0.3290

27.8399, 0.5090,
0.3322

■ 23.8342, 0.5566,
0.3323

■ 21.1312, 0.5984,
0.3319

■ 19.5687, 0.6271,
0.3311

■ 18.9735, 0.6391,
0.3307

Harmonies

Analogous

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



59.3783, 0.3377, 0.3094



59.3783, 0.3571, 0.3302



59.3783, 0.3641, 0.3516

Triad

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



59.3783, 0.3571, 0.3302



59.3783, 0.3118, 0.3682



59.3783, 0.2701, 0.2895

Complementary

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



59.3783, 0.3571, 0.3302



80.1429, 0.2801, 0.3278

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.



59.3783, 0.2639, 0.3033



59.3783, 0.3571, 0.3302



59.3783, 0.2874, 0.3495

Square

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



59.3783, 0.3571, 0.3302



59.3783, 0.3373, 0.3749



59.3783, 0.2701, 0.3252



59.3783, 0.2873, 0.2864

Rectangle

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



59.3783, 0.3571, 0.3302



59.3783, 0.3606, 0.3635



59.3783, 0.2701, 0.3252



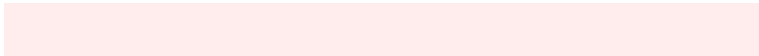
59.3783, 0.2667, 0.2930

Sweetspot

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



59.3810, 0.3571, 0.3302



88.2317, 0.3247, 0.3294



61.6365, 0.3159, 0.2754



18.6791, 0.3258, 0.3294



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.



59.3810, 0.3571, 0.3302



61.7208, 0.3683, 0.3305



71.8611, 0.3512, 0.3582



15.8060, 0.3293, 0.3295



10.2154, 0.6387, 0.3311



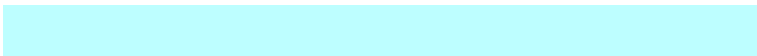
0.8664, 0.6351, 0.3339

Inverse Universe

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



80.1429, 0.2801, 0.3278



88.7336, 0.2744, 0.3276



65.6402, 0.2779, 0.2980



17.8753, 0.2981, 0.3285



36.1567, 0.2231, 0.3231



3.0239, 0.2233, 0.3239

Previews

White Background



This preview shows how the Yxy color 59.3783, 0.3571, 0.3302 looks on a white background.

Color Contrast Check

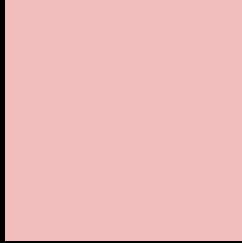
Large Text (above 18pt) WCAG AA × Fail

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 59.3783, 0.3571, 0.3302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

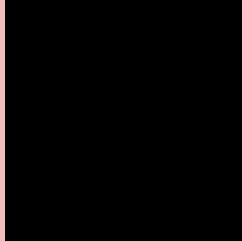
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.3783, 0.3571, 0.3302

Background



This preview shows how black text looks on a background with the Yxy color 59.3783, 0.3571, 0.3302.

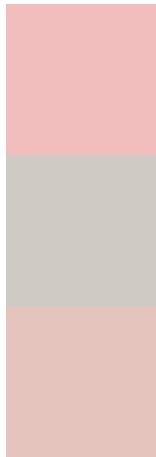


This preview shows how white text looks on a background with the Yxy color 59.3783, 0.3571, 0.3302.

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

59.3783, 0.3571, 0.3302

Protanopia

59.6365, 0.3217, 0.3361

Deuteranopia

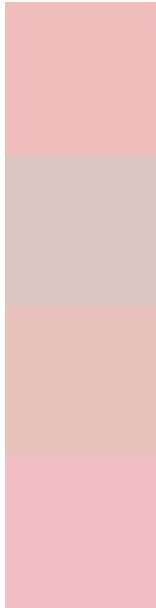
59.6047, 0.3449, 0.3381



Tritanopia

59.4638, 0.3484, 0.3141

Trichromacy



Original Color

59.3783, 0.3571, 0.3302

Protanomaly

59.4541, 0.3341, 0.3348

Deuteranomaly

59.5381, 0.3495, 0.3358

Tritanomaly

59.4811, 0.3515, 0.3205

Monochromacy



Original Color

59.3783, 0.3571, 0.3302

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.3375, 0.3277, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.3783, 0.3571, 0.3302 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, 189)` looks like.

```
.text, #text, p{  
    color:rgb(242, 190, 189)  
}
```

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, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 190, 189) }
```

Border

The CSS property to change the border of an element to Yxy 59.3783, 0.3571, 0.3302 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, 189) }
```

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

```
.border{ border-color:rgb(242, 190, 189) }
```

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, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 190, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 190, 189);  
box-shadow:4px 4px 4px 4px rgb(242, 190,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 59.3783, 0.3571, 0.3302 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, 189) }
```

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

```
.background{ background-color: rgb(242,  
190, 189) }
```

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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