

Converting Colors

$Yxy(53.4054, 0.3589, 0.3177)$

Have a look what the booklet for
Yxy(53.4054, 0.3589, 0.3177)
contains.

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Color

Yxy(53.3829, 0.3593, 0.3181)

Conversions

Conversions Part 1

Format	Color
Hex	EFB1BB
RGB	239, 177, 187
RGB Percent	94%, 69%, 73%
CMY	0.0626, 0.3059, 0.2667
CMYK	0.00, 0.26, 0.22, 0.06
HSL	350°, 66%, 82%
HSV	350°, 26%, 94%
XYZ	60.2970, 53.3829, 54.1381
YIQ	196.6780, 33.7420, 16.2540

Conversions

Conversions Part 2

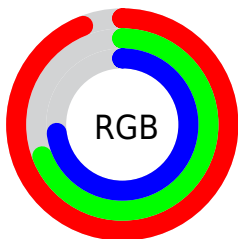
Format	Color
R_{YB}	239, 177, 187
Decimal	15708603
CIE _{Lab}	78.10, 24.02, 3.80
CIE _{LCh}	78, 24.317, 8.985
Yxy	53.3829, 0.3593, 0.3181
Android (android.graphics.Color)	4293898683 (0xFFEFB1BB)
YUV	196.6780, -4.7713, 37.1164
Hunter-Lab	73.0636, 19.4489, 7.2123

Details

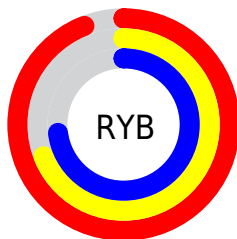
The Yxy color **53.3829, 0.3593, 0.3181** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.7587, 0.2800, 0.3403**, and the grayscale version is **55.6470, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.0089, 0.3213, 0.3193**, and **26.0816, 0.3718, 0.3148** is the 20% darker color. If you saturate the color by 10%, you get **43.9562, 0.3853, 0.3137**, and if you desaturate by 10%, it is **64.5883, 0.3382, 0.3225**.

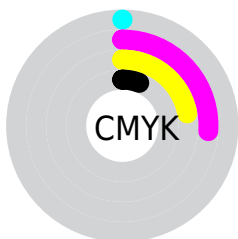
Distribution



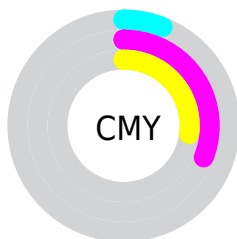
- Red (94%)
- Green (69%)
- Blue (73%)



- Red (94%)
- Yellow (69%)
- Blue (73%)



- Cyan (0%)
- Magenta (26%)
- Yellow (22%)
- Black (6%)





- Cyan (6%)
- Magenta (31%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.3829, 0.3593, 0.3181 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 53.3829, 0.3593, 0.3181 by changing the saturation by 10% instead.

 53.3829, 0.3593,
0.3181

 53.3829, 0.3593,
0.3181


399.7524, 0.3364,
0.3237

 38.1085, 0.3649,
0.3167


 95.1676, 0.3511,
0.3201

 26.0669, 0.3720,
0.3149


122.4466, 0.3480,
0.3209

 16.8737, 0.3813,
0.3124


154.4961, 0.3453,
0.3215

 10.1445, 0.3941,
0.3090

191.7003, 0.3430,
0.3221

 5.4949, 0.4126,
0.3038

234.4436, 0.3411,
0.3226

 2.5404, 0.4418,
0.2952

283.1105, 0.3393,

 0.8968, 0.4974,

0.3230

0.2804

338.0853, 0.3378,
0.3233

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.3829, 0.3593,
0.3181

53.3829, 0.3593,
0.3181

43.9562, 0.3853,
0.3137

64.5883, 0.3382,
0.3225

36.2094, 0.4168,
0.3097

77.6494, 0.3212,
0.3267

30.0458, 0.4540,
0.3065

92.6481, 0.3075,
0.3305

25.3554, 0.4957,
0.3049

97.0970, 0.3030,
0.3290

■ 22.0144, 0.5390,
0.3058

■ 19.8783, 0.5791,
0.3097

■ 18.7693, 0.6102,
0.3162

■ 18.5005, 0.6199,
0.3188

Harmonies

Analogous

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



53.3829, 0.3298, 0.2947



53.3829, 0.3593, 0.3181



53.3829, 0.3759, 0.3450

Triad

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



53.3829, 0.3593, 0.3181



53.3829, 0.3260, 0.3849



53.3829, 0.2542, 0.2854

Complementary

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



53.3829, 0.3593, 0.3181



76.7587, 0.2800, 0.3403

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.



53.3829, 0.2534, 0.3076



53.3829, 0.3593, 0.3181



53.3829, 0.2938, 0.3674

Square

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



53.3829, 0.3593, 0.3181



53.3829, 0.3558, 0.3850



53.3829, 0.2675, 0.3380



53.3829, 0.2696, 0.2759

Rectangle

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



53.3829, 0.3593, 0.3181



53.3829, 0.3770, 0.3620



53.3829, 0.2675, 0.3380



53.3829, 0.2522, 0.2916

Sweetspot

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



53.3854, 0.3593, 0.3181



86.6145, 0.3244, 0.3258



54.2826, 0.3074, 0.2627



18.0348, 0.3269, 0.3252



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.



53.3854, 0.3593, 0.3181



55.9522, 0.3720, 0.3158



61.7695, 0.3626, 0.3518



15.8004, 0.3268, 0.3252



10.2328, 0.6168, 0.3172



0.8635, 0.5840, 0.2991

Inverse Universe

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



53.3854, 0.3593, 0.3181



55.9522, 0.3720, 0.3158



65.9068, 0.2725, 0.3050



15.8004, 0.3268, 0.3252



10.2328, 0.6168, 0.3172



0.8635, 0.5840, 0.2991

Previews

White Background



This preview shows how the Yxy color 53.3829, 0.3593, 0.3181 looks on a white background.

Color Contrast Check

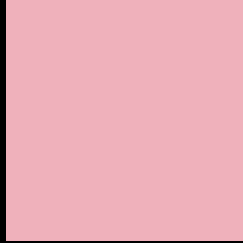
Large Text (above 18pt) WCAG AA × Fail

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 53.3829, 0.3593, 0.3181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

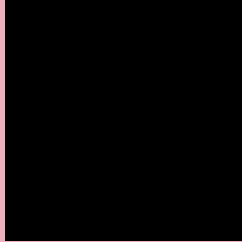
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.3829, 0.3593, 0.3181

Background



This preview shows how black text looks on a background with the Yxy color 53.3829, 0.3593, 0.3181.

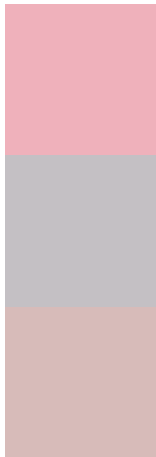


This preview shows how white text looks on a background with the Yxy color 53.3829, 0.3593, 0.3181.

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

53.3829, 0.3593, 0.3181

Protanopia

53.4206, 0.3129, 0.3241

Deuteranopia

53.4905, 0.3380, 0.3314



Tritanopia

53.1191, 0.3568, 0.3137

Trichromacy



Original Color

53.3829, 0.3593, 0.3181

Protanomaly

53.3880, 0.3290, 0.3220

Deuteranomaly

53.2594, 0.3457, 0.3256

Tritanomaly

53.0755, 0.3577, 0.3148

Monochromacy



Original Color

53.3829, 0.3593, 0.3181

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

54.6742, 0.3286, 0.3255

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.3829, 0.3593, 0.3181 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(239, 177, 187)` looks like.

```
.text, #text, p{  
    color:rgb(239, 177, 187)  
}
```

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(239, 177, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 177, 187) }
```

Border

The CSS property to change the border of an element to Yxy 53.3829, 0.3593, 0.3181 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(239, 177, 187) }
```

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

```
.border{ border-color:rgb(239, 177, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 177, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 177, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 177, 187);  
box-shadow:4px 4px 4px 4px rgb(239, 177,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 53.3829, 0.3593, 0.3181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 177, 187) }
```

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

```
.background{ background-color: rgb(239,  
177, 187) }
```

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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