

Converting Colors

Yxy(53.4691, 0.3575, 0.3159)

Have a look what the booklet for
Yxy(53.4691, 0.3575, 0.3159)
contains.

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Color

Yxy(53.4691, 0.3575, 0.3159)

Conversions

Conversions Part 1

Format	Color
Hex	EFB1BD
RGB	239, 177, 189
RGB Percent	94%, 69%, 74%
CMY	0.0627, 0.3059, 0.2588
CMYK	0.00, 0.26, 0.21, 0.06
HSL	348°, 66%, 82%
HSV	348°, 26%, 94%
XYZ	60.5103, 53.4691, 55.2802
YIQ	196.9060, 33.1000, 16.8760

Conversions

Conversions Part 2

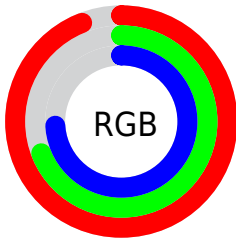
Format	Color
R _Y B	239, 177, 189
Decimal	15708605
CIE Lab	78.15, 24.31, 2.78
CIE LCh	78, 24.465, 6.521
Yxy	53.4691, 0.3575, 0.3159
Android (android.graphics.Color)	4293898685 (0xFFEFB1BD)
YUV	196.9060, -3.8977, 36.9164
Hunter-Lab	73.1226, 19.7476, 6.3630

Details

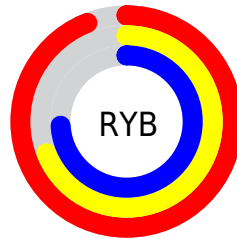
The Yxy color **53.4691, 0.3575, 0.3159** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.6393, 0.2811, 0.3426**, and the grayscale version is **55.7864, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.1304, 0.3200, 0.3173**, and **26.1380, 0.3693, 0.3120** is the 20% darker color. If you saturate the color by 10%, you get **44.0599, 0.3824, 0.3106**, and if you desaturate by 10%, it is **64.6481, 0.3373, 0.3212**.

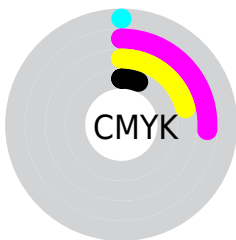
Distribution



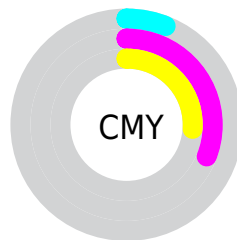
- Red (94%)
- Green (69%)
- Blue (74%)



- Red (94%)
- Yellow (69%)
- Blue (74%)



- Cyan (0%)
- Magenta (26%)
- Yellow (21%)
- Black (6%)





- Cyan (6%)
- Magenta (31%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.4691, 0.3575, 0.3159 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 53.4691, 0.3575, 0.3159 by changing the saturation by 10% instead.

 53.4691, 0.3575,
0.3159

 53.4691, 0.3575,
0.3159


400.0823, 0.3355,
0.3225

 38.1774, 0.3629,
0.3143


 95.2943, 0.3496,
0.3183

 26.1204, 0.3697,
0.3121


122.5965, 0.3466,
0.3192

 16.9137, 0.3786,
0.3093


154.6711, 0.3441,
0.3199

 10.1730, 0.3908,
0.3054

191.9024, 0.3419,
0.3206

 5.5138, 0.4085,
0.2997

234.6747, 0.3400,
0.3212

 2.5518, 0.4364,
0.2903

283.3726, 0.3383,

 0.9025, 0.4877,

0.3217

0.2734

338.3803, 0.3369,
0.3221

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.4691, 0.3575,
0.3159

53.4691, 0.3575,
0.3159

44.0599, 0.3824,
0.3106

64.6481, 0.3373,
0.3212

36.3225, 0.4126,
0.3057

77.6736, 0.3209,
0.3262

30.1606, 0.4481,
0.3017

92.6266, 0.3077,
0.3308

25.4651, 0.4882,
0.2996

97.0947, 0.3030,
0.3290

■ 22.1131, 0.5302,
0.3003

■ 19.9610, 0.5699,
0.3043

■ 18.8321, 0.6020,
0.3116

■ 18.5543, 0.6124,
0.3147

Harmonies

Analogous

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



53.4691, 0.3272, 0.2929



53.4691, 0.3575, 0.3159



53.4691, 0.3756, 0.3428

Triad

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



53.4691, 0.3575, 0.3159



53.4691, 0.3288, 0.3860



53.4691, 0.2532, 0.2866

Complementary

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



53.4691, 0.3575, 0.3159



76.6393, 0.2811, 0.3426

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.



53.4691, 0.2537, 0.3098



53.4691, 0.3575, 0.3159



53.4691, 0.2962, 0.3696

Square

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



53.4691, 0.3575, 0.3159



53.4691, 0.3581, 0.3846



53.4691, 0.2690, 0.3407



53.4691, 0.2676, 0.2759

Rectangle

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



53.4691, 0.3575, 0.3159



53.4691, 0.3777, 0.3602



53.4691, 0.2690, 0.3407



53.4691, 0.2517, 0.2931

Sweetspot

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



53.4716, 0.3575, 0.3159



86.6534, 0.3240, 0.3252



53.9444, 0.3058, 0.2624



18.0446, 0.3264, 0.3244



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.



53.4716, 0.3575, 0.3159



56.0642, 0.3697, 0.3132



60.8300, 0.3631, 0.3496



15.8089, 0.3263, 0.3244



10.2657, 0.6090, 0.3129



0.8675, 0.5741, 0.2936

Inverse Universe

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



53.4716, 0.3575, 0.3159



56.0642, 0.3697, 0.3132



66.9841, 0.2727, 0.3074



15.8089, 0.3263, 0.3244



10.2657, 0.6090, 0.3129



0.8675, 0.5741, 0.2936

Previews

White Background



This preview shows how the Yxy color 53.4691, 0.3575, 0.3159 looks on a white background.

Color Contrast Check

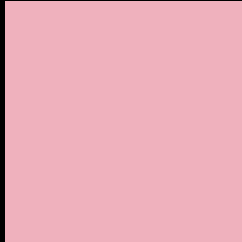
Large Text (above 18pt) WCAG AA × Fail

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 53.4691, 0.3575, 0.3159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

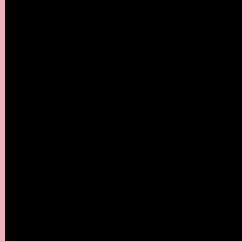
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.4691, 0.3575, 0.3159

Background



This preview shows how black text looks on a background with the Yxy color 53.4691, 0.3575, 0.3159.



This preview shows how white text looks on a background with the Yxy color 53.4691, 0.3575, 0.3159.

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

53.4691, 0.3575, 0.3159

Protanopia

53.9529, 0.3114, 0.3229

Deuteranopia

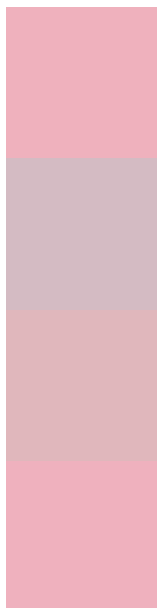
53.5756, 0.3364, 0.3291



Tritanopia

53.5127, 0.3566, 0.3148

Trichromacy



Original Color

53.4691, 0.3575, 0.3159

Protanomaly

53.4778, 0.3274, 0.3196

Deuteranomaly

53.3451, 0.3440, 0.3233

Tritanomaly

53.5127, 0.3566, 0.3148

Monochromacy



Original Color

53.4691, 0.3575, 0.3159

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

54.7190, 0.3278, 0.3243

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.4691, 0.3575, 0.3159 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, 189)` looks like.

```
.text, #text, p{  
    color:rgb(239, 177, 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(239, 177, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 177, 189) }
```

Border

The CSS property to change the border of an element to Yxy 53.4691, 0.3575, 0.3159 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, 189) }
```

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

```
.border{ border-color:rgb(239, 177, 189) }
```

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, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 177, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 177, 189);  
box-shadow:4px 4px 4px 4px rgb(239, 177,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 53.4691, 0.3575, 0.3159 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, 189) }
```

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

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