

Converting Colors

Yxy(59.5825, 0.3363, 0.3053)

Have a look what the booklet for
Yxy(59.5825, 0.3363, 0.3053)
contains.

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Color

Yxy(59.4491, 0.3368, 0.3054)

Conversions

Conversions Part 1

Format	Color
Hex	EFBDD3
RGB	239, 189, 211
RGB Percent	94%, 74%, 83%
CMY	0.0626, 0.2589, 0.1725
CMYK	0.00, 0.21, 0.12, 0.06
HSL	334°, 61%, 84%
HSV	334°, 21%, 94%
XYZ	65.5614, 59.4491, 69.6493
YIQ	206.4580, 22.7380, 17.4420

Conversions

Conversions Part 2

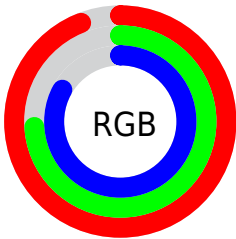
Format	Color
RYB	239, 189, 211
Decimal	15711699
CIELab	81.54, 21.36, -4.16
CIELCh	82, 21.760, 348.988
Yxy	59.4491, 0.3368, 0.3054
Android (android.graphics.Color)	4293901779 (0xFFEFBDD3)
YUV	206.4580, 2.2392, 28.5393
Hunter-Lab	77.1032, 16.8491, 0.4141

Details

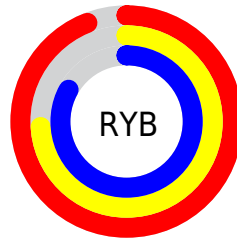
The Yxy color **59.4491, 0.3368, 0.3054** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.5833, 0.2937, 0.3539**, and the grayscale version is **62.0079, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7848, 0.3132, 0.3194**, and **29.8295, 0.3429, 0.2984** is the 20% darker color. If you saturate the color by 10%, you get **49.3583, 0.3522, 0.2935**, and if you desaturate by 10%, it is **71.2958, 0.3241, 0.3170**.

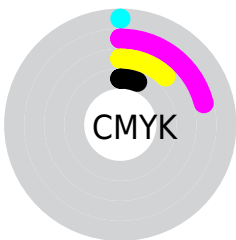
Distribution



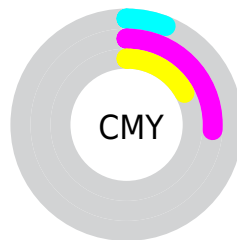
- Red (94%)
- Green (74%)
- Blue (83%)



- Red (94%)
- Yellow (74%)
- Blue (83%)



- Cyan (0%)
- Magenta (21%)
- Yellow (12%)
- Black (6%)




- Cyan (6%)
- Magenta (26%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.4491, 0.3368, 0.3054 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 59.4491, 0.3368, 0.3054 by changing the saturation by 10% instead.


 59.4491, 0.3368,
0.3054

 59.4491, 0.3368,
0.3054

422.5642, 0.3253,
0.3165

 42.9747, 0.3395,
0.3028


 104.0301, 0.3328,
0.3093

 29.8653, 0.3429,
0.2996


132.9055, 0.3312,
0.3108

 19.7364, 0.3472,
0.2954


166.6835, 0.3299,
0.3121

 12.2036, 0.3531,
0.2899

205.7483, 0.3287,
0.3132

 6.8825, 0.3612,
0.2823

250.4844, 0.3277,
0.3142

 3.3887, 0.3735,
0.2709

301.2761, 0.3268,

 1.3379, 0.3941,

0.3151

0.2524

358.5079, 0.3260,
0.3158

0.1702, 0.5139,
0.1281

0.0000, 0.0000,
0.0000

59.4491, 0.3368,
0.3054

59.4491, 0.3368,
0.3054

49.3583, 0.3522,
0.2935

71.2958, 0.3241,
0.3170

40.9312, 0.3705,
0.2817

84.9691, 0.3136,
0.3280

34.0790, 0.3921,
0.2708

96.8531, 0.3051,
0.3327

28.7016, 0.4167,
0.2618

97.0972, 0.3030,
0.3290

■ 24.6871, 0.4440,
0.2561

■ 21.9073, 0.4726,
0.2548

■ 20.2092, 0.5010,
0.2588

■ 19.3800, 0.5251,
0.2667

Harmonies

Analogous

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



59.4491, 0.3085, 0.2893



59.4491, 0.3368, 0.3054



59.4491, 0.3592, 0.3274

Triad

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



59.4491, 0.3368, 0.3054



59.4491, 0.3422, 0.3789



59.4491, 0.2599, 0.3033

Complementary

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



59.4491, 0.3368, 0.3054



77.5833, 0.2937, 0.3539

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.



59.4491, 0.2681, 0.3279



59.4491, 0.3368, 0.3054



59.4491, 0.3150, 0.3734

Square

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



59.4491, 0.3368, 0.3054



59.4491, 0.3621, 0.3699



59.4491, 0.2879, 0.3542



59.4491, 0.2650, 0.2873

Rectangle

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



59.4491, 0.3368, 0.3054



59.4491, 0.3672, 0.3432



59.4491, 0.2879, 0.3542



59.4491, 0.2612, 0.3108

Sweetspot

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



59.4518, 0.3368, 0.3054



90.0839, 0.3187, 0.3225



57.3031, 0.2978, 0.2741



19.0608, 0.3194, 0.3218



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.



59.4518, 0.3368, 0.3054



63.7606, 0.3428, 0.3005



59.5080, 0.3543, 0.3319



15.8744, 0.3224, 0.3187



10.7315, 0.5212, 0.2645



0.9124, 0.4884, 0.2464

Inverse Universe

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



59.4518, 0.3368, 0.3054



63.7606, 0.3428, 0.3005



77.3511, 0.2813, 0.3261



15.8744, 0.3224, 0.3187



10.7315, 0.5212, 0.2645



0.9124, 0.4884, 0.2464

Previews

White Background



This preview shows how the Yxy color 59.4491, 0.3368, 0.3054 looks on a white background.

Color Contrast Check

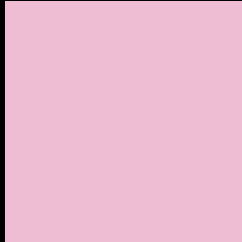
Large Text (above 18pt) WCAG AA × Fail

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 59.4491, 0.3368, 0.3054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

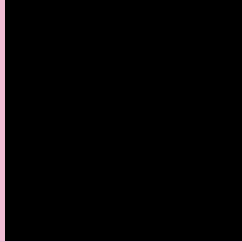
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.4491, 0.3368, 0.3054

Background



This preview shows how black text looks on a background with the Yxy color 59.4491, 0.3368, 0.3054.



This preview shows how white text looks on a background with the Yxy color 59.4491, 0.3368, 0.3054.

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

59.4491, 0.3368, 0.3054

Protanopia

59.9121, 0.3008, 0.3093

Deuteranopia

59.6457, 0.3205, 0.3144



Tritanopia

59.4118, 0.3406, 0.3128

Trichromacy



Original Color

59.4491, 0.3368, 0.3054

Protanomaly

59.3374, 0.3129, 0.3075

Deuteranomaly

59.4055, 0.3264, 0.3113

Tritanomaly

59.5090, 0.3390, 0.3107

Monochromacy



Original Color

59.4491, 0.3368, 0.3054

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

60.7680, 0.3210, 0.3200

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.4491, 0.3368, 0.3054 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, 189, 211)` looks like.

```
.text, #text, p{  
    color:rgb(239, 189, 211)  
}
```

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, 189, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 189, 211) }
```

Border

The CSS property to change the border of an element to Yxy 59.4491, 0.3368, 0.3054 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, 189, 211) }
```

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

```
.border{ border-color:rgb(239, 189, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 189, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 189, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 189, 211);  
box-shadow:4px 4px 4px 4px rgb(239, 189,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 59.4491, 0.3368, 0.3054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 189, 211) }
```

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

```
.background{ background-color: rgb(239,  
189, 211) }
```

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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