

Converting Colors

$Y_{xy}(54.3897, 0.3541, 0.3107)$

Have a look what the booklet for
Yxy(54.3897, 0.3541, 0.3107)
contains.

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Color

Yxy(54.4817, 0.3537, 0.3106)

Conversions

Conversions Part 1

Format	Color
Hex	F1B2C3
RGB	241, 178, 195
RGB Percent	95%, 70%, 76%
CMY	0.0550, 0.3019, 0.2352
CMYK	0.00, 0.26, 0.19, 0.05
HSL	344°, 69%, 82%
HSV	344°, 26%, 95%
XYZ	62.0418, 54.4817, 58.8844
YIQ	198.7750, 32.0910, 18.6430

Conversions

Conversions Part 2

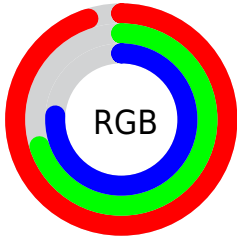
Format	Color
R _Y B	241, 178, 195
Decimal	15839939
CIE Lab	78.74, 25.36, 0.40
CIE LCh	79, 25.363, 0.908
Yxy	54.4817, 0.3537, 0.3106
Android (android.graphics.Color)	4294030019 (0xFF1B2C3)
YUV	198.7750, -1.8611, 37.0313
Hunter-Lab	73.8117, 20.8661, 4.3687

Details

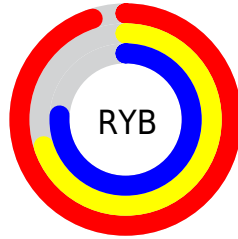
The Yxy color **54.4817, 0.3537, 0.3106** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.7444, 0.2835, 0.3483**, and the grayscale version is **56.9669, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.0707, 0.3162, 0.3126**, and **26.7807, 0.3652, 0.3065** is the 20% darker color. If you saturate the color by 10%, you get **44.9718, 0.3761, 0.3032**, and if you desaturate by 10%, it is **65.7747, 0.3353, 0.3179**.

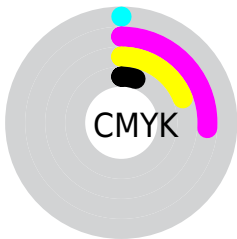
Distribution



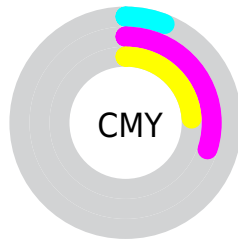
- Red (95%)
- Green (70%)
- Blue (76%)



- Red (95%)
- Yellow (70%)
- Blue (76%)



- Cyan (0%)
- Magenta (26%)
- Yellow (19%)
- Black (5%)




- Cyan (6%)
- Magenta (30%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.4817, 0.3537, 0.3106 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 54.4817, 0.3537, 0.3106 by changing the saturation by 10% instead.

 54.4817, 0.3537,
0.3106

 54.4817, 0.3537,
0.3106


403.9442, 0.3337,
0.3196

 38.9869, 0.3585,
0.3084


 96.7812, 0.3466,
0.3138

 26.7495, 0.3647,
0.3056


124.3546, 0.3438,
0.3150

 17.3852, 0.3727,
0.3020

156.7230, 0.3415,
0.3161

 10.5095, 0.3836,
0.2971

194.2709, 0.3395,
0.3170

 5.7381, 0.3992,
0.2900

237.3826, 0.3378,
0.3178

 2.6865, 0.4237,
0.2788

286.4424, 0.3363,

 0.9703, 0.4669,

0.3185

0.2590

341.8348, 0.3349,
0.3191

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.4817, 0.3537,
0.3106

54.4817, 0.3537,
0.3106

44.9718, 0.3761,
0.3032

65.7747, 0.3353,
0.3179

37.1462, 0.4032,
0.2962

78.9281, 0.3204,
0.3249

30.9078, 0.4350,
0.2904

94.0236, 0.3083,
0.3315

26.1466, 0.4710,
0.2868

97.4368, 0.3041,
0.3290

■ 22.7381, 0.5094,
0.2866

■ 20.5376, 0.5469,
0.2906

■ 19.3657, 0.5795,
0.2990

■ 19.0792, 0.5905,
0.3027

Harmonies

Analogous

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



54.4817, 0.3211, 0.2883



54.4817, 0.3537, 0.3106



54.4817, 0.3753, 0.3379

Triad

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



54.4817, 0.3537, 0.3106



54.4817, 0.3354, 0.3889



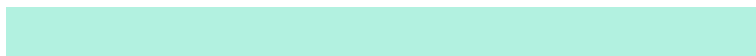
54.4817, 0.2504, 0.2889

Complementary

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



54.4817, 0.3537, 0.3106



77.7444, 0.2835, 0.3483

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.



54.4817, 0.2538, 0.3147



54.4817, 0.3537, 0.3106



54.4817, 0.3017, 0.3753

Square

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



54.4817, 0.3537, 0.3106



54.4817, 0.3639, 0.3840



54.4817, 0.2722, 0.3471



54.4817, 0.2625, 0.2753

Rectangle

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



54.4817, 0.3537, 0.3106



54.4817, 0.3799, 0.3562



54.4817, 0.2722, 0.3471



54.4817, 0.2498, 0.2963

Sweetspot

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



54.4842, 0.3537, 0.3106



86.7456, 0.3230, 0.3236



53.9060, 0.3016, 0.2610



18.0676, 0.3252, 0.3226



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.



54.4842, 0.3537, 0.3106



56.3358, 0.3643, 0.3069



59.4603, 0.3650, 0.3441



15.8289, 0.3251, 0.3226



10.3677, 0.5864, 0.3004



0.8786, 0.5492, 0.2799

Inverse Universe

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



54.4842, 0.3537, 0.3106



56.3358, 0.3643, 0.3069



70.9381, 0.2730, 0.3134



15.8289, 0.3251, 0.3226



10.3677, 0.5864, 0.3004



0.8786, 0.5492, 0.2799

Previews

White Background



This preview shows how the Yxy color 54.4817, 0.3537, 0.3106 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 54.4817, 0.3537, 0.3106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

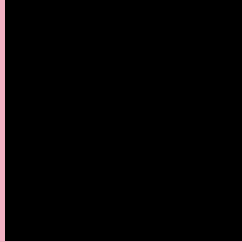
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.4817, 0.3537, 0.3106

Background



This preview shows how black text looks on a background with the Yxy color 54.4817, 0.3537, 0.3106.



This preview shows how white text looks on a background with the Yxy color 54.4817, 0.3537, 0.3106.

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

54.4817, 0.3537, 0.3106

Protanopia

54.6790, 0.3069, 0.3169

Deuteranopia

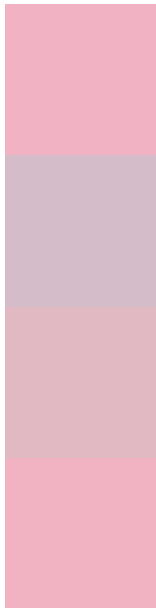
54.6925, 0.3312, 0.3244



Tritanopia

54.3473, 0.3564, 0.3138

Trichromacy



Original Color

54.4817, 0.3537, 0.3106

Protanomaly

54.1805, 0.3225, 0.3138

Deuteranomaly

54.4403, 0.3386, 0.3188

Tritanomaly

54.3918, 0.3555, 0.3128

Monochromacy



Original Color

54.4817, 0.3537, 0.3106

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

55.6350, 0.3262, 0.3209

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.4817, 0.3537, 0.3106 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(241, 178, 195)` looks like.

```
.text, #text, p{  
    color:rgb(241, 178, 195)  
}
```

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(241, 178, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 178, 195) }
```

Border

The CSS property to change the border of an element to Yxy 54.4817, 0.3537, 0.3106 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(241, 178, 195) }
```

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

```
.border{ border-color:rgb(241, 178, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 178, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 178, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 178, 195);  
box-shadow:4px 4px 4px 4px rgb(241, 178,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 54.4817, 0.3537, 0.3106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 178, 195) }
```

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

```
.background{ background-color: rgb(241,  
178, 195) }
```

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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