

Converting Colors

$Y_{xy}(57.5919, 0.3501, 0.3194)$

Have a look what the booklet for
Yxy(57.5919, 0.3501, 0.3194)
contains.

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Color

Yxy(57.4087, 0.3504, 0.3193)

Conversions

Conversions Part 1

Format	Color
Hex	EFBAC3
RGB	239, 186, 195
RGB Percent	94%, 73%, 76%
CMY	0.0628, 0.2705, 0.2353
CMYK	0.00, 0.22, 0.18, 0.06
HSL	350°, 62%, 83%
HSV	350°, 22%, 94%
XYZ	63.0003, 57.4087, 59.3865
YIQ	202.8730, 28.6990, 14.0350

Conversions

Conversions Part 2

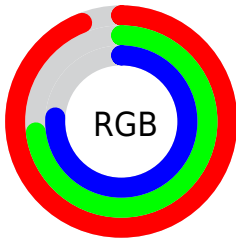
Format	Color
R _Y B	239, 186, 195
Decimal	15710915
CIE Lab	80.41, 20.40, 2.81
CIE LCh	80, 20.589, 7.857
Yxy	57.4087, 0.3504, 0.3193
Android (android.graphics.Color)	4293900995 (0xFFEFBAC3)
YUV	202.8730, -3.8814, 31.6834
Hunter-Lab	75.7685, 15.8250, 6.5672

Details

The Yxy color **57.4087, 0.3504, 0.3193** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.8760, 0.2847, 0.3390**, and the grayscale version is **59.6491, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.7293, 0.3157, 0.3203**, and **28.6432, 0.3604, 0.3177** is the 20% darker color. If you saturate the color by 10%, you get **47.3302, 0.3742, 0.3147**, and if you desaturate by 10%, it is **69.2957, 0.3312, 0.3238**.

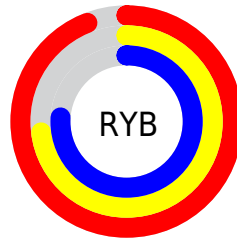
Distribution



Red (94%)

Green (73%)

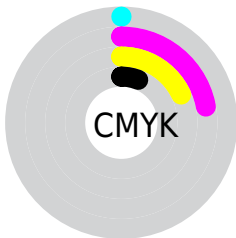
Blue (76%)



Red (94%)

Yellow (73%)

Blue (76%)

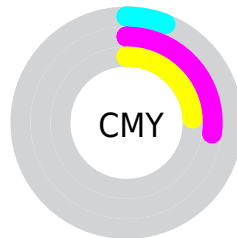


Cyan (0%)

Magenta (22%)

Yellow (18%)

Black (6%)



Cyan (6%)


Magenta (27%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.4087, 0.3504, 0.3193 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 57.4087, 0.3504, 0.3193 by changing the saturation by 10% instead.

 57.4087, 0.3504,
0.3193

 57.4087, 0.3504,
0.3193


414.9790, 0.3321,
0.3241

 41.3335, 0.3548,
0.3181


 101.0613, 0.3439,
0.3210

 28.5797, 0.3603,
0.3166


129.4074, 0.3414,
0.3217

 18.7631, 0.3676,
0.3146


162.6127, 0.3393,
0.3223

 11.4992, 0.3774,
0.3118

201.0614, 0.3375,
0.3227

 6.4037, 0.3914,
0.3077

245.1380, 0.3359,
0.3232

 3.0921, 0.4130,
0.3012

295.2269, 0.3345,

 1.1800, 0.4507,

0.3235

0.2892

351.7124, 0.3332,
0.3238

0.0453, 0.9228,
0.0772

0.0000, 0.0000,
0.0000

57.4087, 0.3504,
0.3193

57.4087, 0.3504,
0.3193

47.3302, 0.3742,
0.3147

69.2957, 0.3312,
0.3238

38.9639, 0.4032,
0.3102

83.0655, 0.3157,
0.3281

32.2166, 0.4379,
0.3064

97.0574, 0.3032,
0.3294

26.9831, 0.4778,
0.3040

97.0874, 0.3029,
0.3290

■ 23.1456, 0.5206,
0.3037

■ 20.5688, 0.5624,
0.3065

■ 19.0902, 0.5976,
0.3123

■ 18.5042, 0.6181,
0.3179

Harmonies

Analogous

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



57.4087, 0.3260, 0.2998



57.4087, 0.3504, 0.3193



57.4087, 0.3645, 0.3418

Triad

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



57.4087, 0.3504, 0.3193



57.4087, 0.3250, 0.3751



57.4087, 0.2637, 0.2936

Complementary

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



57.4087, 0.3504, 0.3193



77.8760, 0.2847, 0.3390

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.



57.4087, 0.2635, 0.3125



57.4087, 0.3504, 0.3193



57.4087, 0.2981, 0.3612

Square

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



57.4087, 0.3504, 0.3193



57.4087, 0.3493, 0.3750



57.4087, 0.2759, 0.3376



57.4087, 0.2763, 0.2848

Rectangle

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



57.4087, 0.3504, 0.3193



57.4087, 0.3659, 0.3561



57.4087, 0.2759, 0.3376



57.4087, 0.2622, 0.2989

Sweetspot

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



57.4113, 0.3504, 0.3193



88.2170, 0.3228, 0.3261



58.0574, 0.3077, 0.2726



18.6757, 0.3237, 0.3258



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.



57.4113, 0.3504, 0.3193



60.5101, 0.3615, 0.3170



64.5047, 0.3541, 0.3473



15.8026, 0.3267, 0.3250



10.2406, 0.6150, 0.3161



0.8645, 0.5815, 0.2977

Inverse Universe

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



57.4113, 0.3504, 0.3193



60.5101, 0.3615, 0.3170



69.0251, 0.2784, 0.3099



15.8026, 0.3267, 0.3250



10.2406, 0.6150, 0.3161



0.8645, 0.5815, 0.2977

Previews

White Background



This preview shows how the Yxy color 57.4087, 0.3504, 0.3193 looks on a white background.

Color Contrast Check

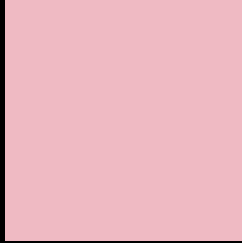
Large Text (above 18pt) WCAG AA × Fail

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 57.4087, 0.3504, 0.3193 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 57.4087, 0.3504, 0.3193

Background



This preview shows how black text looks on a background with the Yxy color 57.4087, 0.3504, 0.3193.



This preview shows how white text looks on a background with the Yxy color 57.4087, 0.3504, 0.3193.

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

57.4087, 0.3504, 0.3193

Protanopia

57.8076, 0.3137, 0.3255

Deuteranopia

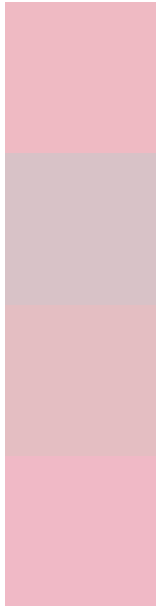
57.4071, 0.3349, 0.3279



Tritanopia

57.3933, 0.3473, 0.3128

Trichromacy



Original Color

57.4087, 0.3504, 0.3193

Protanomaly

57.3060, 0.3267, 0.3233

Deuteranomaly

57.2159, 0.3412, 0.3246

Tritanomaly

57.3004, 0.3489, 0.3150

Monochromacy



Original Color

57.4087, 0.3504, 0.3193

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

58.7016, 0.3256, 0.3256

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.4087, 0.3504, 0.3193 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, 186, 195)` looks like.

```
.text, #text, p{  
    color:rgb(239, 186, 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(239, 186, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 186, 195) }
```

Border

The CSS property to change the border of an element to Yxy 57.4087, 0.3504, 0.3193 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, 186, 195) }
```

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

```
.border{ border-color:rgb(239, 186, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 186, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 186, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 186, 195);  
box-shadow:4px 4px 4px 4px rgb(239, 186,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 57.4087, 0.3504, 0.3193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 186, 195) }
```

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

```
.background{ background-color: rgb(239,  
186, 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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