

Converting Colors

$Yxy(54.9284, 0.3704, 0.3392)$

Have a look what the booklet for
Yxy(54.9284, 0.3704, 0.3392)
contains.

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Color

Yxy(54.8237, 0.3703, 0.3391)

Conversions

Conversions Part 1

Format	Color
Hex	EFB6AD
RGB	239, 182, 173
RGB Percent	94%, 71%, 68%
CMY	0.0628, 0.2862, 0.3214
CMYK	0.00, 0.24, 0.28, 0.06
HSL	8°, 67%, 81%
HSV	8°, 28%, 94%
XYZ	59.8679, 54.8237, 46.9825
YIQ	198.0170, 36.8610, 9.2850

Conversions

Conversions Part 2

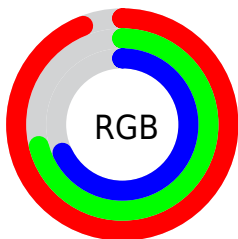
Format	Color
R _Y B	239, 183, 173
Decimal	15709869
CIE Lab	78.94, 19.38, 12.56
CIE LCh	79, 23.093, 32.941
Yxy	54.8237, 0.3703, 0.3391
Android (android.graphics.Color)	4293899949 (0xFFEFB6AD)
YUV	198.0170, -12.3334, 35.9421
Hunter-Lab	74.0430, 14.7519, 14.2089

Details

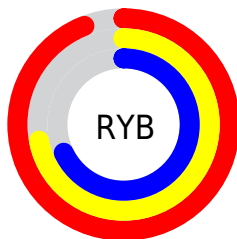
The Yxy color **54.8237, 0.3703, 0.3391** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.7284, 0.2715, 0.3186**, and the grayscale version is **56.5449, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.0105, 0.3305, 0.3389**, and **27.0261, 0.3857, 0.3408** is the 20% darker color. If you saturate the color by 10%, you get **46.1378, 0.4002, 0.3429**, and if you desaturate by 10%, it is **64.9275, 0.3457, 0.3353**.

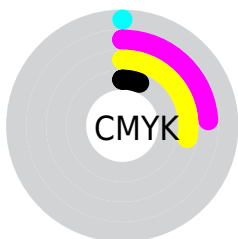
Distribution



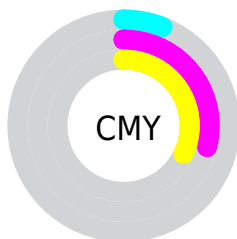
- Red (94%)
- Green (71%)
- Blue (68%)



- Red (94%)
- Yellow (72%)
- Blue (68%)



- Cyan (0%)
- Magenta (24%)
- Yellow (28%)
- Black (6%)




- Cyan (6%)
- Magenta (29%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.8237, 0.3703, 0.3391 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 54.8237, 0.3703, 0.3391 by changing the saturation by 10% instead.


 54.8237, 0.3703,
0.3391

 54.8237, 0.3703,
0.3391


405.2433, 0.3420,
0.3348

 39.2606, 0.3772,
0.3399


 97.2826, 0.3601,
0.3377

 26.9625, 0.3859,
0.3409


124.9472, 0.3563,
0.3371

 17.5451, 0.3974,
0.3420


157.4144, 0.3530,
0.3366

 10.6239, 0.4130,
0.3432

195.0686, 0.3502,
0.3362

 5.8145, 0.4354,
0.3441

238.2942, 0.3478,
0.3358

 2.7326, 0.4702,
0.3440

287.4755, 0.3456,

 0.9938, 0.5655,

0.3354

342.9971, 0.3437,
0.3351

0.3618

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.8237, 0.3703,
0.3391

54.8237, 0.3703,
0.3391

46.1378, 0.4002,
0.3429

64.9275, 0.3457,
0.3353

38.7989, 0.4357,
0.3464

76.5006, 0.3255,
0.3316

32.7415, 0.4764,
0.3491

89.6015, 0.3091,
0.3282

27.8917, 0.5204,
0.3502

97.0890, 0.3029,
0.3290

■ 24.1677, 0.5637,
0.3491

■ 21.4775, 0.6003,
0.3453

■ 19.7131, 0.6251,
0.3395

■ 19.4084, 0.6296,
0.3383

Harmonies

Analogous

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



54.8237, 0.3517, 0.3139



54.8237, 0.3703, 0.3391



54.8237, 0.3725, 0.3632

Triad

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



54.8237, 0.3703, 0.3391



54.8237, 0.3008, 0.3695



54.8237, 0.2681, 0.2797

Complementary

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



54.8237, 0.3703, 0.3391



71.7284, 0.2715, 0.3186

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.



54.8237, 0.2562, 0.2914



54.8237, 0.3703, 0.3391



54.8237, 0.2743, 0.3435

Square

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



54.8237, 0.3703, 0.3391



54.8237, 0.3314, 0.3829



54.8237, 0.2583, 0.3144



54.8237, 0.2920, 0.2806

Rectangle

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



54.8237, 0.3703, 0.3391



54.8237, 0.3644, 0.3755



54.8237, 0.2583, 0.3144



54.8237, 0.2626, 0.2822

Sweetspot

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



54.8263, 0.3703, 0.3391



88.0196, 0.3263, 0.3318



53.9765, 0.3229, 0.2688



18.3850, 0.3291, 0.3323



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.



54.8263, 0.3703, 0.3391



57.7687, 0.3861, 0.3412



69.8715, 0.3609, 0.3741



16.1052, 0.3290, 0.3323



10.8344, 0.6277, 0.3398



1.0092, 0.6070, 0.3563

Inverse Universe

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



71.7284, 0.2715, 0.3186



80.2989, 0.2640, 0.3163



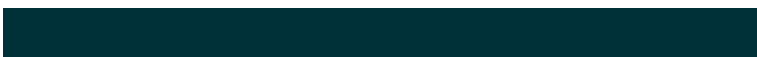
55.1543, 0.2675, 0.2793



17.5411, 0.2981, 0.3257



28.1178, 0.2126, 0.2854



2.4394, 0.2144, 0.2917

Previews

White Background



This preview shows how the Yxy color 54.8237, 0.3703, 0.3391 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 54.8237, 0.3703, 0.3391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

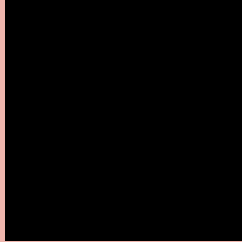
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.8237, 0.3703, 0.3391

Background



This preview shows how black text looks on a background with the Yxy color 54.8237, 0.3703, 0.3391.



This preview shows how white text looks on a background with the Yxy color 54.8237, 0.3703, 0.3391.

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

54.8237, 0.3703, 0.3391

Protanopia

55.0220, 0.3306, 0.3473

Deuteranopia

55.0617, 0.3553, 0.3488



Tritanopia

54.7912, 0.3553, 0.3139

Trichromacy



Original Color

54.8237, 0.3703, 0.3391

Protanomaly

54.6002, 0.3449, 0.3444

Deuteranomaly

54.7544, 0.3613, 0.3451

Tritanomaly

54.7130, 0.3603, 0.3226

Monochromacy



Original Color

54.8237, 0.3703, 0.3391

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.5195, 0.3323, 0.3326

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.8237, 0.3703, 0.3391 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, 182, 173)` looks like.

```
.text, #text, p{  
    color:rgb(239, 182, 173)  
}
```

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, 182, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 182, 173) }
```

Border

The CSS property to change the border of an element to Yxy 54.8237, 0.3703, 0.3391 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, 182, 173) }
```

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

```
.border{ border-color:rgb(239, 182, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 182, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 182, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 182, 173);  
box-shadow:4px 4px 4px 4px rgb(239, 182,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 54.8237, 0.3703, 0.3391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 182, 173) }
```

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

```
.background{ background-color: rgb(239,  
182, 173) }
```

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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