

Converting Colors

Yxy(58.4711, 0.3500, 0.3228)

Have a look what the booklet for
Yxy(58.4711, 0.3500, 0.3228)
contains.

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Color

Yxy(58.6410, 0.3507, 0.3237)

Conversions

Conversions Part 1

Format	Color
Hex	EFBDC2
RGB	239, 189, 194
RGB Percent	94%, 74%, 76%
CMY	0.0627, 0.2588, 0.2394
CMYK	0.00, 0.21, 0.19, 0.06
HSL	354°, 61%, 84%
HSV	354°, 21%, 94%
XYZ	63.5323, 58.6410, 58.9852
YIQ	204.5200, 28.1950, 12.1550

Conversions

Conversions Part 2

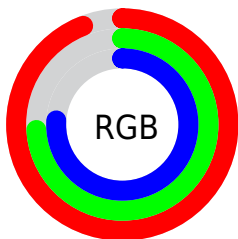
Format	Color
R _Y B	239, 189, 194
Decimal	15711682
CIE _{Lab}	81.09, 18.67, 4.36
CIE _{LCh}	81, 19.170, 13.160
Yxy	58.6410, 0.3507, 0.3237
Android (android.graphics.Color)	4293901762 (0xFFEFBDC2)
YUV	204.5200, -5.1864, 30.2390
Hunter-Lab	76.5774, 14.0817, 7.9349

Details

The Yxy color **58.6410, 0.3507, 0.3237** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.5063, 0.2842, 0.3344**, and the grayscale version is **60.7509, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.4669, 0.3162, 0.3242**, and **29.1665, 0.3609, 0.3220** is the 20% darker color. If you saturate the color by 10%, you get **48.2957, 0.3760, 0.3210**, and if you desaturate by 10%, it is **70.8262, 0.3304, 0.3263**.

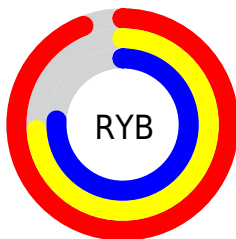
Distribution



Red (94%)

Green (74%)

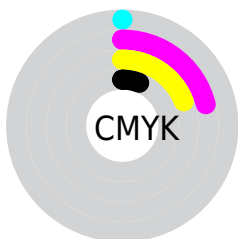
Blue (76%)



Red (94%)

Yellow (74%)

Blue (76%)

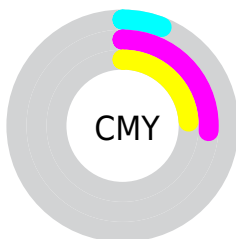


Cyan (0%)

Magenta (21%)

Yellow (19%)

Black (6%)



Cyan (6%)


Magenta (26%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.6410, 0.3507, 0.3237 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 58.6410, 0.3507, 0.3237 by changing the saturation by 10% instead.


 58.6410, 0.3507,
0.3237

 58.6410, 0.3507,
0.3237


419.5702, 0.3323,
0.3265

 42.3242, 0.3551,
0.3230


 102.8557, 0.3442,
0.3247

 29.3552, 0.3607,
0.3221


131.5224, 0.3417,
0.3251

 19.3497, 0.3679,
0.3208


165.0745, 0.3395,
0.3254

 11.9232, 0.3777,
0.3191

203.8965, 0.3377,
0.3257

 6.6914, 0.3916,
0.3164

248.3726, 0.3361,
0.3259

 3.2699, 0.4131,
0.3121

298.8873, 0.3347,

 1.2742, 0.4502,

0.3261

355.8251, 0.3334,
0.3263

0.3036

0.1211, 0.8250,
0.1750

0.0000, 0.0000,
0.0000

58.6410, 0.3507,
0.3237

58.6410, 0.3507,
0.3237

48.2957, 0.3760,
0.3210

70.8262, 0.3304,
0.3263

39.6935, 0.4070,
0.3184

84.9263, 0.3141,
0.3288

32.7406, 0.4442,
0.3163

97.0937, 0.3029,
0.3290

27.3313, 0.4869,
0.3150

■ 23.3478, 0.5325,
0.3151

■ 20.6550, 0.5758,
0.3171

■ 19.0919, 0.6105,
0.3209

■ 18.4184, 0.6308,
0.3248

Harmonies

Analogous

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



58.6410, 0.3294, 0.3047



58.6410, 0.3507, 0.3237



58.6410, 0.3615, 0.3447

Triad

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



58.6410, 0.3507, 0.3237



58.6410, 0.3197, 0.3701



58.6410, 0.2685, 0.2941

Complementary

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



58.6410, 0.3507, 0.3237



78.5063, 0.2842, 0.3344

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.



58.6410, 0.2663, 0.3102



58.6410, 0.3507, 0.3237



58.6410, 0.2952, 0.3553

Square

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



58.6410, 0.3507, 0.3237



58.6410, 0.3431, 0.3725



58.6410, 0.2758, 0.3328



58.6410, 0.2821, 0.2877

Rectangle

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



58.6410, 0.3507, 0.3237



58.6410, 0.3611, 0.3573



58.6410, 0.2758, 0.3328



58.6410, 0.2664, 0.2985

Sweetspot

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



58.6437, 0.3507, 0.3237



89.7675, 0.3219, 0.3276



60.1248, 0.3113, 0.2764



18.9862, 0.3230, 0.3274



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.



58.6437, 0.3507, 0.3237



62.6881, 0.3606, 0.3226



67.6333, 0.3505, 0.3507



15.7843, 0.3278, 0.3267



10.1853, 0.6286, 0.3236



0.8558, 0.6040, 0.3101

Inverse Universe

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



58.6437, 0.3507, 0.3237



62.6881, 0.3606, 0.3226



67.7214, 0.2800, 0.3063



15.7843, 0.3278, 0.3267



10.1853, 0.6286, 0.3236



0.8558, 0.6040, 0.3101

Previews

White Background



This preview shows how the Yxy color 58.6410, 0.3507, 0.3237 looks on a white background.

Color Contrast Check

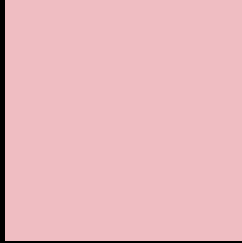
Large Text (above 18pt) WCAG AA × Fail

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 58.6410, 0.3507, 0.3237 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 58.6410, 0.3507, 0.3237

Background



This preview shows how black text looks on a background with the Yxy color 58.6410, 0.3507, 0.3237.



This preview shows how white text looks on a background with the Yxy color 58.6410, 0.3507, 0.3237.

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

58.6410, 0.3507, 0.3237

Protanopia

58.9695, 0.3158, 0.3290

Deuteranopia

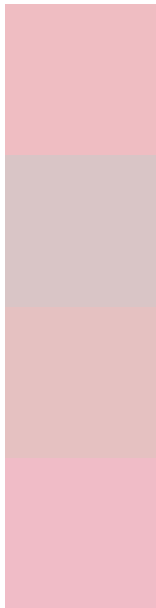
58.7278, 0.3379, 0.3313



Tritanopia

58.7560, 0.3451, 0.3140

Trichromacy



Original Color

58.6410, 0.3507, 0.3237

Protanomaly

58.7614, 0.3280, 0.3279

Deuteranomaly

58.6482, 0.3423, 0.3291

Tritanomaly

58.6152, 0.3475, 0.3172

Monochromacy



Original Color

58.6410, 0.3507, 0.3237

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

59.8156, 0.3255, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.6410, 0.3507, 0.3237 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, 194)` looks like.

```
.text, #text, p{  
    color:rgb(239, 189, 194)  
}
```

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, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 189, 194) }
```

Border

The CSS property to change the border of an element to Yxy 58.6410, 0.3507, 0.3237 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, 194) }
```

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

```
.border{ border-color:rgb(239, 189, 194) }
```

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, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 189, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 189, 194);  
box-shadow:4px 4px 4px 4px rgb(239, 189,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 58.6410, 0.3507, 0.3237 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, 194) }
```

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

```
.background{ background-color: rgb(239,  
189, 194) }
```

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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