

Converting Colors

$Yxy(58.9072, 0.3545, 0.3308)$

Have a look what the booklet for
Yxy(58.9072, 0.3545, 0.3308)
contains.

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Color

Yxy(58.8518, 0.3546, 0.3302)

Conversions

Conversions Part 1

Format	Color
Hex	EFBEBD
RGB	239, 190, 189
RGB Percent	94%, 75%, 74%
CMY	0.0627, 0.2549, 0.2588
CMYK	0.00, 0.21, 0.21, 0.06
HSL	1°, 61%, 84%
HSV	1°, 21%, 94%
XYZ	63.2006, 58.8518, 56.1783
YIQ	204.5370, 29.5250, 10.0770

Conversions

Conversions Part 2

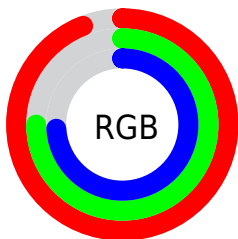
Format	Color
R _Y B	239, 190, 189
Decimal	15711933
CIE Lab	81.21, 17.40, 7.19
CIE LCh	81, 18.832, 22.455
Yxy	58.8518, 0.3546, 0.3302
Android (android.graphics.Color)	4293902013 (0xFFEFBEBD)
YUV	204.5370, -7.6597, 30.2241
Hunter-Lab	76.7149, 12.8039, 10.2824

Details

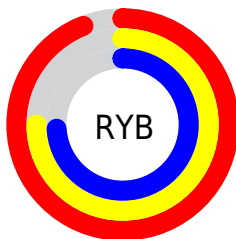
The Yxy color **58.8518, 0.3546, 0.3302** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.2208, 0.2814, 0.3278**, and the grayscale version is **60.7793, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7641, 0.3191, 0.3300**, and **29.3310, 0.3652, 0.3292** is the 20% darker color. If you saturate the color by 10%, you get **48.5537, 0.3826, 0.3308**, and if you desaturate by 10%, it is **70.9578, 0.3321, 0.3296**.

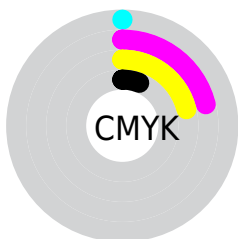
Distribution



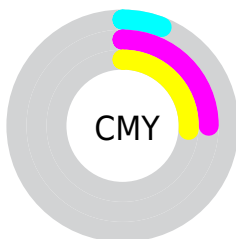
- Red (94%)
- Green (75%)
- Blue (74%)



- Red (94%)
- Yellow (75%)
- Blue (74%)



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





- Cyan (6%)
- Magenta (25%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.8518, 0.3546, 0.3302 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 58.8518, 0.3546, 0.3302 by changing the saturation by 10% instead.


 58.8518, 0.3546,
0.3302

 58.8518, 0.3546,
0.3302


420.3525, 0.3343,
0.3299

 42.4938, 0.3595,
0.3302


 103.1622, 0.3474,
0.3302

 29.4882, 0.3656,
0.3301


131.8835, 0.3446,
0.3301

 19.4504, 0.3736,
0.3300


165.4946, 0.3423,
0.3301

 11.9962, 0.3844,
0.3296

204.3801, 0.3402,
0.3301

 6.7411, 0.3998,
0.3289

248.9242, 0.3385,
0.3300

 3.3007, 0.4235,
0.3271

299.5114, 0.3369,

 1.2907, 0.4648,

0.3300

0.3229

356.5260, 0.3355,
0.3300

0.1340, 0.8048,
0.1952

0.0000, 0.0000,
0.0000

58.8518, 0.3546,
0.3302

58.8518, 0.3546,
0.3302

48.5537, 0.3826,
0.3308

70.9578, 0.3321,
0.3296

39.9693, 0.4169,
0.3315

84.9439, 0.3142,
0.3290

33.0080, 0.4578,
0.3320

97.0939, 0.3029,
0.3290

27.5677, 0.5040,
0.3324

■ 23.5347, 0.5518,
0.3324

■ 20.7796, 0.5945,
0.3321

■ 19.1488, 0.6248,
0.3313

■ 18.4562, 0.6390,
0.3308

Harmonies

Analogous

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



58.8518, 0.3363, 0.3105



58.8518, 0.3546, 0.3302



58.8518, 0.3612, 0.3504

Triad

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



58.8518, 0.3546, 0.3302



58.8518, 0.3120, 0.3660



58.8518, 0.2724, 0.2917

Complementary

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



58.8518, 0.3546, 0.3302



78.2208, 0.2814, 0.3278

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.



58.8518, 0.2665, 0.3048



58.8518, 0.3546, 0.3302



58.8518, 0.2888, 0.3484

Square

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



58.8518, 0.3546, 0.3302



58.8518, 0.3359, 0.3723



58.8518, 0.2724, 0.3255



58.8518, 0.2887, 0.2886

Rectangle

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



58.8518, 0.3546, 0.3302



58.8518, 0.3580, 0.3617



58.8518, 0.2724, 0.3255



58.8518, 0.2691, 0.2950

Sweetspot

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



58.8545, 0.3546, 0.3302



89.8547, 0.3228, 0.3293



60.9379, 0.3158, 0.2778



19.0067, 0.3240, 0.3294



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.



58.8545, 0.3546, 0.3302



62.9552, 0.3655, 0.3305



70.5521, 0.3492, 0.3568



15.8087, 0.3293, 0.3295



10.2196, 0.6386, 0.3311



0.8677, 0.6348, 0.3341

Inverse Universe

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



78.2208, 0.2814, 0.3278



89.0490, 0.2757, 0.3276



64.7331, 0.2795, 0.2995



17.8723, 0.2981, 0.3285



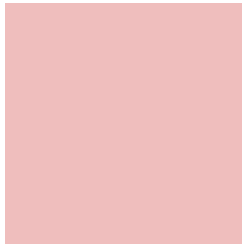
36.0776, 0.2230, 0.3227



3.0182, 0.2232, 0.3236

Previews

White Background



This preview shows how the Yxy color 58.8518, 0.3546, 0.3302 looks on a white background.

Color Contrast Check

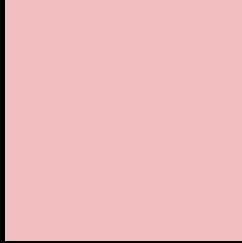
Large Text (above 18pt) WCAG AA × Fail

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 58.8518, 0.3546, 0.3302 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 58.8518, 0.3546, 0.3302

Background



This preview shows how black text looks on a background with the Yxy color 58.8518, 0.3546, 0.3302.

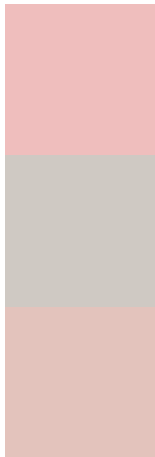


This preview shows how white text looks on a background with the Yxy color 58.8518, 0.3546, 0.3302.

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

58.8518, 0.3546, 0.3302

Protanopia

58.9788, 0.3218, 0.3361

Deuteranopia

58.9919, 0.3443, 0.3370



Tritanopia

58.9315, 0.3459, 0.3140

Trichromacy



Original Color

58.8518, 0.3546, 0.3302

Protanomaly

58.8428, 0.3334, 0.3337

Deuteranomaly

58.7597, 0.3480, 0.3347

Tritanomaly

58.9517, 0.3490, 0.3204

Monochromacy



Original Color

58.8518, 0.3546, 0.3302

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.1838, 0.3269, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.8518, 0.3546, 0.3302 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, 190, 189)` looks like.

```
.text, #text, p{  
    color:rgb(239, 190, 189)  
}
```

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, 190, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 190, 189) }
```

Border

The CSS property to change the border of an element to Yxy 58.8518, 0.3546, 0.3302 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, 190, 189) }
```

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

```
.border{ border-color:rgb(239, 190, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 190, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(239, 190, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(239, 190, 189); box-shadow:4px 4px 4px 4px rgb(239, 190, 189) }
```


Background

The CSS property to change the background color of an element to Yxy 58.8518, 0.3546, 0.3302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 190, 189) }
```

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

```
.background{ background-color: rgb(239,  
190, 189) }
```

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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