

Converting Colors

Yxy(57.9548, 0.3498, 0.3293)

Have a look what the booklet for
Yxy(57.9548, 0.3498, 0.3293)
contains.

Yxy(58.0370, 0.3495, 0.3291)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(58.0370, 0.3495, 0.3291)

Conversions

Conversions Part 1

Format	Color
Hex	EABEBE
RGB	234, 190, 190
RGB Percent	92%, 75%, 75%
CMY	0.0825, 0.2548, 0.2548
CMYK	0.00, 0.19, 0.19, 0.08
HSL	360°, 51%, 83%
HSV	360°, 19%, 92%
XYZ	61.6346, 58.0370, 56.6791
YIQ	203.1560, 26.2240, 9.3280

Conversions

Conversions Part 2

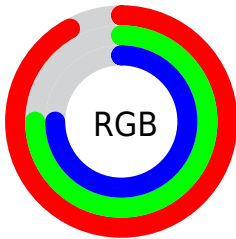
Format	Color
RYB	234, 190, 190
Decimal	15384254
CIELab	80.76, 15.71, 5.94
CIElCh	81, 16.798, 20.712
Yxy	58.0370, 0.3495, 0.3291
Android (android.graphics.Color)	4293574334 (0xFFEABEBE)
YUV	203.1560, -6.4859, 27.0502
Hunter-Lab	76.1820, 11.0957, 9.2159

Details

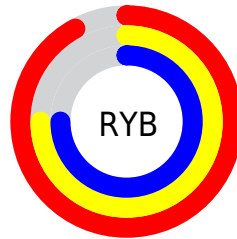
The Yxy color **58.0370, 0.3495, 0.3291** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.7188, 0.2845, 0.3289**, and the grayscale version is **59.8541, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.8254, 0.3185, 0.3290**, and **29.1624, 0.3591, 0.3291** is the 20% darker color. If you saturate the color by 10%, you get **47.7614, 0.3764, 0.3292**, and if you desaturate by 10%, it is **70.1090, 0.3280, 0.3290**.

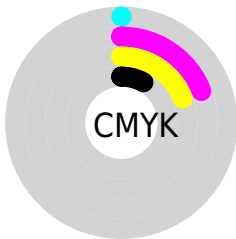
Distribution



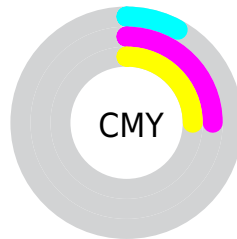
- Red (92%)
- Green (75%)
- Blue (75%)



- Red (92%)
- Yellow (75%)
- Blue (75%)



- Cyan (0%)
- Magenta (19%)
- Yellow (19%)
- Black (8%)




- Cyan (8%)
- Magenta (25%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.0370, 0.3495, 0.3291 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 58.0370, 0.3495, 0.3291 by changing the saturation by 10% instead.

 58.0370, 0.3495,
0.3291

 58.0370, 0.3495,
0.3291


417.3238, 0.3317,
0.3293

 41.8384, 0.3538,
0.3290

 101.9767, 0.3431,
0.3292

 28.9748, 0.3592,
0.3288


130.4867, 0.3407,
0.3292

 19.0617, 0.3663,
0.3286


163.8691, 0.3387,
0.3293

 11.7149, 0.3759,
0.3281

202.5086, 0.3369,
0.3293

 6.5499, 0.3896,
0.3272

246.7894, 0.3353,
0.3293

 3.1822, 0.4108,
0.3255

297.0959, 0.3340,

 1.2276, 0.4480,

0.3293

0.3213

353.8126, 0.3327,
0.3293

0.0841, 0.8465,
0.1535

0.0000, 0.0000,
0.0000

58.0370, 0.3495,
0.3291

58.0370, 0.3495,
0.3291

47.7614, 0.3764,
0.3292

70.1090, 0.3280,
0.3290

39.1890, 0.4096,
0.3293

84.0491, 0.3108,
0.3290

32.2303, 0.4497,
0.3294

96.2281, 0.2999,
0.3290

26.7841, 0.4955,
0.3295

■ 22.7384, 0.5439,
0.3297

■ 19.9650, 0.5883,
0.3298

■ 18.3129, 0.6213,
0.3299

■ 17.5559, 0.6385,
0.3300

■ 17.4882, 0.6401,
0.3300

Harmonies

Analogous

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



58.0370, 0.3327, 0.3114



58.0370, 0.3495, 0.3291



58.0370, 0.3561, 0.3474

Triad

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



58.0370, 0.3495, 0.3291



58.0370, 0.3134, 0.3626



58.0370, 0.2759, 0.2960

Complementary

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



58.0370, 0.3495, 0.3291



75.7188, 0.2845, 0.3289

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.



58.0370, 0.2712, 0.3083



58.0370, 0.3495, 0.3291



58.0370, 0.2924, 0.3474

Square

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



58.0370, 0.3495, 0.3291



58.0370, 0.3348, 0.3677



58.0370, 0.2771, 0.3272



58.0370, 0.2901, 0.2926

Rectangle

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



58.0370, 0.3495, 0.3291



58.0370, 0.3537, 0.3577



58.0370, 0.2771, 0.3272



58.0370, 0.2731, 0.2992

Sweetspot

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



58.0396, 0.3495, 0.3291



89.6772, 0.3229, 0.3290



60.1364, 0.3143, 0.2823



18.9650, 0.3241, 0.3290



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.



58.0396, 0.3495, 0.3291



64.8997, 0.3604, 0.3291



67.9250, 0.3453, 0.3523



15.0541, 0.3293, 0.3290



9.8298, 0.6401, 0.3300



0.7719, 0.6400, 0.3299

Inverse Universe

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



58.0396, 0.3495, 0.3291



64.8997, 0.3604, 0.3291



64.3392, 0.2831, 0.3046



15.0541, 0.3293, 0.3290



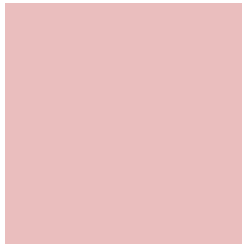
9.8298, 0.6401, 0.3300



0.7719, 0.6400, 0.3299

Previews

White Background



This preview shows how the Yxy color 58.0370, 0.3495, 0.3291 looks on a white background.

Color Contrast Check

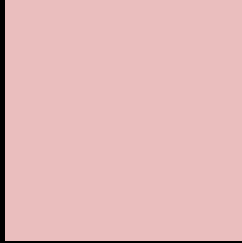
Large Text (above 18pt) WCAG AA × Fail

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 58.0370, 0.3495, 0.3291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

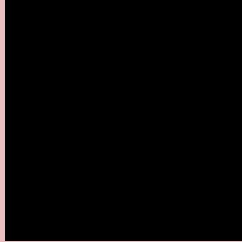
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.0370, 0.3495, 0.3291

Background



This preview shows how black text looks on a background with the Yxy color 58.0370, 0.3495, 0.3291.



This preview shows how white text looks on a background with the Yxy color 58.0370, 0.3495, 0.3291.

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

58.0370, 0.3495, 0.3291

Protanopia

58.2278, 0.3203, 0.3349

Deuteranopia

58.1050, 0.3412, 0.3348



Tritanopia

58.1111, 0.3409, 0.3127

Trichromacy



Original Color

58.0370, 0.3495, 0.3291

Protanomaly

57.9290, 0.3311, 0.3325

Deuteranomaly

58.3080, 0.3447, 0.3336

Tritanomaly

58.1346, 0.3440, 0.3192

Monochromacy



Original Color

58.0370, 0.3495, 0.3291

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

58.7615, 0.3254, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.0370, 0.3495, 0.3291 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(234, 190, 190)` looks like.

```
.text, #text, p{  
    color:rgb(234, 190, 190)  
}
```

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(234, 190, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 190, 190) }
```

Border

The CSS property to change the border of an element to Yxy 58.0370, 0.3495, 0.3291 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(234, 190, 190) }
```

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

```
.border{ border-color:rgb(234, 190, 190) }
```

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

Here you see how a box with a 4 pixel rgb(234, 190, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 190, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 190, 190);  
box-shadow:4px 4px 4px 4px rgb(234, 190,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 58.0370, 0.3495, 0.3291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 190, 190) }
```

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

```
.background{ background-color: rgb(234,  
190, 190) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor