

Converting Colors

$Y_{xy}(59.1251, 0.3569, 0.3445)$

Have a look what the booklet for
Yxy(59.1251, 0.3569, 0.3445)
contains.

Yxy(59.3713, 0.3569, 0.3447)	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(59.3713, 0.3569, 0.3447)

Conversions

Conversions Part 1

Format	Color
Hex	EAC2B4
RGB	234, 194, 180
RGB Percent	92%, 76%, 71%
CMY	0.0822, 0.2393, 0.2941
CMYK	0.00, 0.17, 0.23, 0.08
HSL	16°, 56%, 81%
HSV	16°, 23%, 92%
XYZ	61.4726, 59.3713, 51.3966
YIQ	204.3640, 28.3340, 4.1260

Conversions

Conversions Part 2

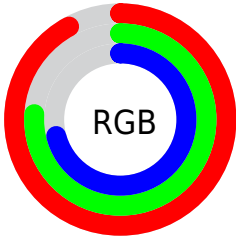
Format	Color
RYB	234, 199, 180
Decimal	15385268
CIELab	81.50, 12.16, 12.37
CIElCh	81, 17.348, 45.493
Yxy	59.3713, 0.3569, 0.3447
Android (android.graphics.Color)	4293575348 (0xFFEAC2B4)
YUV	204.3640, -12.0115, 25.9908
Hunter-Lab	77.0528, 7.5648, 14.3887

Details

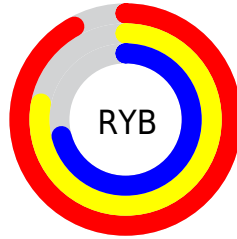
The Yxy color **59.3713, 0.3569, 0.3447** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.8608, 0.2773, 0.3127**, and the grayscale version is **60.6936, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.3105, 0.3242, 0.3435**, and **29.7535, 0.3693, 0.3481** is the 20% darker color. If you saturate the color by 10%, you get **51.2242, 0.3824, 0.3520**, and if you desaturate by 10%, it is **68.5861, 0.3355, 0.3376**.

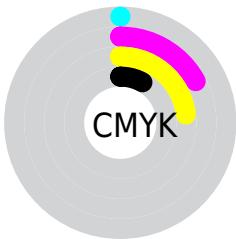
Distribution



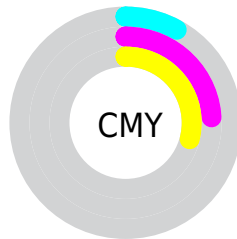
- Red (92%)
- Green (76%)
- Blue (71%)



- Red (92%)
- Yellow (78%)
- Blue (71%)



- Cyan (0%)
- Magenta (17%)
- Yellow (23%)
- Black (8%)





- Cyan (8%)
- Magenta (24%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.3713, 0.3569, 0.3447 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 59.3713, 0.3569, 0.3447 by changing the saturation by 10% instead.


 59.3713, 0.3569,
0.3447

 59.3713, 0.3569,
0.3447


422.2765, 0.3355,
0.3375

 42.9121, 0.3620,
0.3463


 103.9171, 0.3493,
0.3422

 29.8161, 0.3685,
0.3482


132.7725, 0.3464,
0.3413

 19.6991, 0.3768,
0.3506

166.5288, 0.3439,
0.3405

 12.1765, 0.3881,
0.3537

205.5702, 0.3418,
0.3397

 6.8640, 0.4042,
0.3576

250.2814, 0.3399,
0.3391

 3.3772, 0.4285,
0.3627

301.0465, 0.3383,

 1.3317, 0.4781,

0.3385

358.2501, 0.3368,
0.3380

0.3752

0.1655, 0.7329,
0.2671

0.0000, 0.0000,
0.0000

59.3713, 0.3569,
0.3447

59.3713, 0.3569,
0.3447

51.2242, 0.3824,
0.3520

68.5861, 0.3355,
0.3376

44.0977, 0.4123,
0.3590

78.8973, 0.3176,
0.3310

37.9531, 0.4466,
0.3652

90.3427, 0.3027,
0.3248

32.7461, 0.4844,
0.3695

96.2405, 0.3000,
0.3290

■ 28.4288, 0.5237,
0.3710

■ 24.9487, 0.5609,
0.3685

■ 22.2470, 0.5917,
0.3616

■ 20.7945, 0.6082,
0.3553

Harmonies

Analogous

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



59.3713, 0.3481, 0.3258



59.3713, 0.3569, 0.3447



59.3713, 0.3533, 0.3605

Triad

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



59.3713, 0.3569, 0.3447



59.3713, 0.2953, 0.3512



59.3713, 0.2864, 0.2916

Complementary

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



59.3713, 0.3569, 0.3447



66.8608, 0.2773, 0.3127

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.



59.3713, 0.2734, 0.2967



59.3713, 0.3569, 0.3447



59.3713, 0.2784, 0.3308

Square

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



59.3713, 0.3569, 0.3447



59.3713, 0.3174, 0.3652



59.3713, 0.2705, 0.3108



59.3713, 0.3068, 0.2959

Rectangle

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



59.3713, 0.3569, 0.3447



59.3713, 0.3446, 0.3669



59.3713, 0.2705, 0.3108



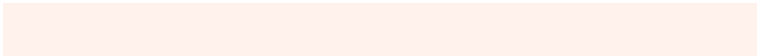
59.3713, 0.2811, 0.2922

Sweetspot

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



59.3740, 0.3569, 0.3447



90.7513, 0.3243, 0.3335



55.3367, 0.3260, 0.2852



19.2606, 0.3253, 0.3339



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.



59.3740, 0.3569, 0.3447



66.9846, 0.3692, 0.3484



72.2629, 0.3506, 0.3730



15.6880, 0.3286, 0.3352



11.8525, 0.6055, 0.3574



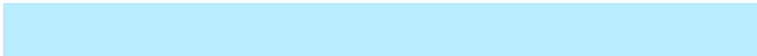
1.0823, 0.5785, 0.3789

Inverse Universe

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



66.8608, 0.2773, 0.3127



77.6493, 0.2698, 0.3087



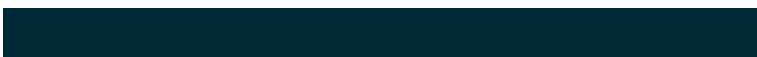
54.0110, 0.2748, 0.2807



16.4234, 0.2981, 0.3228



20.4380, 0.2008, 0.2429



1.7587, 0.2045, 0.2563

Previews

White Background



This preview shows how the Yxy color 59.3713, 0.3569, 0.3447 looks on a white background.

Color Contrast Check

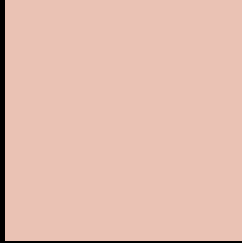
Large Text (above 18pt) WCAG AA × Fail

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 59.3713, 0.3569, 0.3447 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

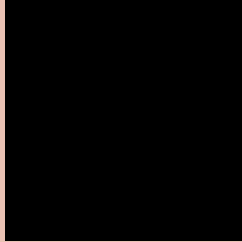
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.3713, 0.3569, 0.3447

Background



This preview shows how black text looks on a background with the Yxy color 59.3713, 0.3569, 0.3447.



This preview shows how white text looks on a background with the Yxy color 59.3713, 0.3569, 0.3447.

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

59.3713, 0.3569, 0.3447

Protanopia

59.5506, 0.3331, 0.3502

Deuteranopia

59.3144, 0.3541, 0.3460



Tritanopia

59.2392, 0.3398, 0.3128

Trichromacy



Original Color

59.3713, 0.3569, 0.3447

Protanomaly

59.3258, 0.3409, 0.3476

Deuteranomaly

59.4813, 0.3549, 0.3459

Tritanomaly

59.0800, 0.3461, 0.3236

Monochromacy



Original Color

59.3713, 0.3569, 0.3447

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

59.6958, 0.3283, 0.3348

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.3713, 0.3569, 0.3447 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, 194, 180)` looks like.

```
.text, #text, p{  
    color:rgb(234, 194, 180)  
}
```

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, 194, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 194, 180) }
```

Border

The CSS property to change the border of an element to Yxy 59.3713, 0.3569, 0.3447 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, 194, 180) }
```

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

```
.border{ border-color:rgb(234, 194, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 194, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 194, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 194, 180);  
box-shadow:4px 4px 4px 4px rgb(234, 194,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 59.3713, 0.3569, 0.3447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 194, 180) }
```

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

```
.background{ background-color: rgb(234,  
194, 180) }
```

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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