

Converting Colors

Yxy(59.0532, 0.3571, 0.3540)

Have a look what the booklet for
Yxy(59.0532, 0.3571, 0.3540)
contains.

Yxy(59.1939, 0.3570, 0.3540)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(59.1939, 0.3570, 0.3540)

Conversions

Conversions Part 1

Format	Color
Hex	E5C4AE
RGB	229, 196, 174
RGB Percent	90%, 77%, 68%
CMY	0.1019, 0.2314, 0.3176
CMYK	0.00, 0.14, 0.24, 0.10
HSL	24°, 51%, 79%
HSV	24°, 24%, 90%
XYZ	59.6955, 59.1939, 48.3250
YIQ	203.3590, 26.7300, 0.1540

Conversions

Conversions Part 2

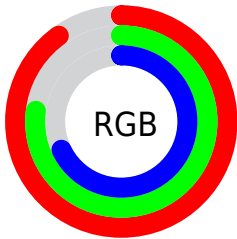
Format	Color
R _Y B	229, 211, 174
Decimal	15058094
CIE Lab	81.40, 8.37, 15.37
CIE LCh	81, 17.502, 61.423
Yxy	59.1939, 0.3570, 0.3540
Android (android.graphics.Color)	4293248174 (0xFFE5C4AE)
YUV	203.3590, -14.4740, 22.4872
Hunter-Lab	76.9376, 3.8567, 16.6159

Details

The Yxy color **59.1939, 0.3570, 0.3540** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **59.2885, 0.2752, 0.3026**, and the grayscale version is **60.0408, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2237, 0.3276, 0.3513**, and **29.6354, 0.3683, 0.3589** is the 20% darker color. If you saturate the color by 10%, you get **52.4597, 0.3806, 0.3650**, and if you desaturate by 10%, it is **66.6537, 0.3366, 0.3432**.

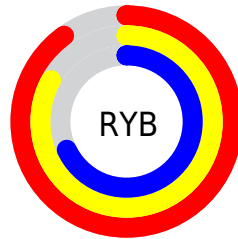
Distribution



Red (90%)

Green (77%)

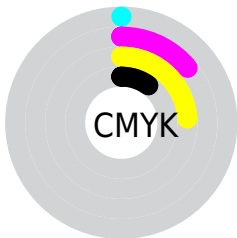
Blue (68%)



Red (90%)

Yellow (83%)

Blue (68%)

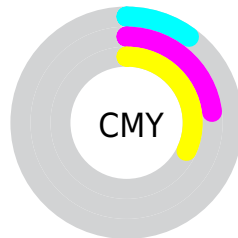


Cyan (0%)

Magenta (14%)

Yellow (24%)

Black (10%)



Cyan (10%)


Magenta (23%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.1939, 0.3570, 0.3540 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 59.1939, 0.3570, 0.3540 by changing the saturation by 10% instead.


 59.1939, 0.3570,
0.3540

 59.1939, 0.3570,
0.3540


421.6201, 0.3356,
0.3423

 42.7692, 0.3621,
0.3567


 103.6594, 0.3494,
0.3499

 29.7041, 0.3685,
0.3600


132.4691, 0.3465,
0.3484

 19.6141, 0.3769,
0.3641


166.1758, 0.3440,
0.3470

 12.1148, 0.3881,
0.3695

205.1641, 0.3419,
0.3458

 6.8219, 0.4038,
0.3767

249.8182, 0.3400,
0.3448

 3.3510, 0.4276,
0.3865

300.5227, 0.3384,

 1.3176, 0.4875,

0.3439

0.4176

357.6619, 0.3369,
0.3431

0.1548, 0.6943,
0.3057

0.0000, 0.0000,
0.0000

59.1939, 0.3570,
0.3540

59.1939, 0.3570,
0.3540

52.4597, 0.3806,
0.3650

66.6537, 0.3366,
0.3432

46.4201, 0.4073,
0.3757

74.8527, 0.3190,
0.3329

41.0535, 0.4371,
0.3854

83.8144, 0.3040,
0.3234

36.3342, 0.4690,
0.3928

92.8566, 0.2969,
0.3249

■ 32.2343, 0.5014,
0.3967

■ 95.3997, 0.2970,
0.3290

■ 28.7234, 0.5321,
0.3959

■ 25.7675, 0.5585,
0.3896

■ 24.2423, 0.5720,
0.3840

Harmonies

Analogous

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



59.1939, 0.3546, 0.3360



59.1939, 0.3570, 0.3540



59.1939, 0.3470, 0.3663

Triad

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



59.1939, 0.3570, 0.3540



59.1939, 0.2851, 0.3409



59.1939, 0.2965, 0.2924

Complementary

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



59.1939, 0.3570, 0.3540



59.2885, 0.2752, 0.3026

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.



59.1939, 0.2788, 0.2925



59.1939, 0.3570, 0.3540



59.1939, 0.2725, 0.3196

Square

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



59.1939, 0.3570, 0.3540



59.1939, 0.3053, 0.3592



59.1939, 0.2703, 0.3020



59.1939, 0.3190, 0.3013

Rectangle

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



59.1939, 0.3570, 0.3540



59.1939, 0.3350, 0.3691



59.1939, 0.2703, 0.3020



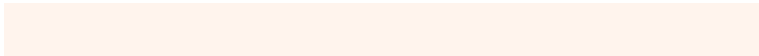
59.1939, 0.2898, 0.2914

Sweetspot

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



59.1966, 0.3570, 0.3540



92.2583, 0.3241, 0.3360



51.4837, 0.3328, 0.2912



19.6090, 0.3251, 0.3366



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.



59.1966, 0.3570, 0.3540



71.0001, 0.3687, 0.3597



72.2739, 0.3504, 0.3824



15.3092, 0.3282, 0.3384



14.0799, 0.5692, 0.3862



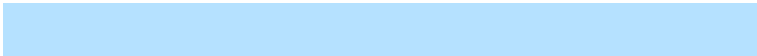
1.2182, 0.5426, 0.4074

Inverse Universe

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



59.2885, 0.2752, 0.3026



71.1309, 0.2671, 0.2961



47.4698, 0.2724, 0.2693



15.3185, 0.2981, 0.3194



13.7738, 0.1869, 0.1927



1.1984, 0.1930, 0.2147

Previews

White Background



This preview shows how the Yxy color 59.1939, 0.3570, 0.3540 looks on a white background.

Color Contrast Check

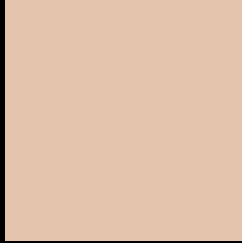
Large Text (above 18pt) WCAG AA × Fail

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 59.1939, 0.3570, 0.3540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

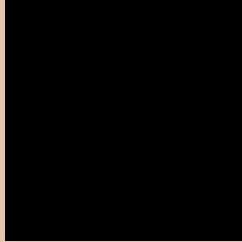
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.1939, 0.3570, 0.3540

Background



This preview shows how black text looks on a background with the Yxy color 59.1939, 0.3570, 0.3540.



This preview shows how white text looks on a background with the Yxy color 59.1939, 0.3570, 0.3540.

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

59.1939, 0.3570, 0.3540

Protanopia

59.4124, 0.3392, 0.3585

Deuteranopia

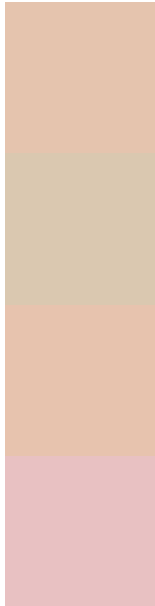
59.2420, 0.3598, 0.3527



Tritanopia

59.0415, 0.3356, 0.3126

Trichromacy



Original Color

59.1939, 0.3570, 0.3540

Protanomaly

59.3486, 0.3453, 0.3570

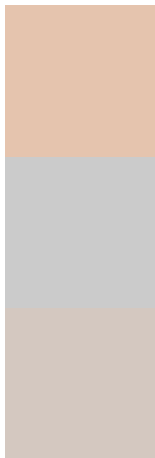
Deuteranomaly

59.0751, 0.3589, 0.3528

Tritanomaly

59.1908, 0.3440, 0.3280

Monochromacy



Original Color

59.1939, 0.3570, 0.3540

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.1114, 0.3281, 0.3384

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.1939, 0.3570, 0.3540 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(229, 196, 174)` looks like.

```
.text, #text, p{  
    color:rgb(229, 196, 174)  
}
```

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(229, 196, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 196, 174) }
```

Border

The CSS property to change the border of an element to Yxy 59.1939, 0.3570, 0.3540 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(229, 196, 174) }
```

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

```
.border{ border-color:rgb(229, 196, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 196, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 196, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 196, 174);  
box-shadow:4px 4px 4px 4px rgb(229, 196,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 59.1939, 0.3570, 0.3540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 196, 174) }
```

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

```
.background{ background-color: rgb(229,  
196, 174) }
```

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