

Converting Colors

$Yxy(59.1504, 0.3549, 0.3567)$

Have a look what the booklet for
Yxy(59.1504, 0.3549, 0.3567)
contains.

Yxy(59.1184, 0.3550, 0.3565)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(59.1184, 0.3550, 0.3565)

Conversions

Conversions Part 1

Format	Color
Hex	E2C5AD
RGB	226, 197, 173
RGB Percent	89%, 77%, 68%
CMY	0.1138, 0.2274, 0.3216
CMYK	0.00, 0.13, 0.23, 0.11
HSL	27°, 48%, 78%
HSV	27°, 23%, 89%
XYZ	58.8697, 59.1184, 47.8420
YIQ	202.9350, 24.9880, -1.3160

Conversions

Conversions Part 2

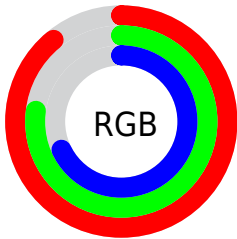
Format	Color
R _Y B	226, 217, 173
Decimal	14861741
CIE Lab	81.36, 6.57, 15.81
CIE LCh	81, 17.118, 67.442
Yxy	59.1184, 0.3550, 0.3565
Android (android.graphics.Color)	4293051821 (0xFFE2C5AD)
YUV	202.9350, -14.7580, 20.2280
Hunter-Lab	76.8885, 2.1136, 16.9302

Details

The Yxy color $59.1184, 0.3550, 0.3565$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $56.6034, 0.2758, 0.2998$, and the grayscale version is $59.7613, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.7451, 0.3287, 0.3543$, and $29.5714, 0.3656, 0.3622$ is the 20% darker color. If you saturate the color by 10%, you get $52.9344, 0.3775, 0.3689$, and if you desaturate by 10%, it is $65.9158, 0.3352, 0.3444$.

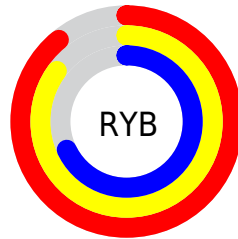
Distribution



Red (89%)

Green (77%)

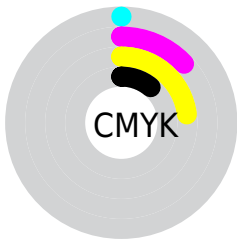
Blue (68%)



Red (89%)

Yellow (85%)

Blue (68%)

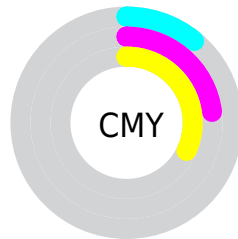


Cyan (0%)

Magenta (13%)

Yellow (23%)

Black (11%)



Cyan (11%)


Magenta (23%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.1184, 0.3550, 0.3565 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 59.1184, 0.3550, 0.3565 by changing the saturation by 10% instead.


 59.1184, 0.3550,
0.3565

 59.1184, 0.3550,
0.3565


421.3405, 0.3346,
0.3436

 42.7084, 0.3599,
0.3595


 103.5497, 0.3478,
0.3520

 29.6564, 0.3660,
0.3632


132.3399, 0.3450,
0.3502

 19.5779, 0.3739,
0.3679


166.0256, 0.3426,
0.3487

 12.0886, 0.3845,
0.3740

204.9911, 0.3406,
0.3474

 6.8041, 0.3995,
0.3822

249.6210, 0.3388,
0.3463

 3.3399, 0.4220,
0.3938

300.2996, 0.3372,

 1.3116, 0.4822,

0.3453

0.4312

357.4113, 0.3358,
0.3444

0.1502, 0.6686,
0.3314

0.0000, 0.0000,
0.0000

59.1184, 0.3550,
0.3565

59.1184, 0.3550,
0.3565

52.9344, 0.3775,
0.3689

65.9158, 0.3352,
0.3444

47.3374, 0.4029,
0.3810

73.3361, 0.3181,
0.3328

42.3106, 0.4307,
0.3920

81.3988, 0.3032,
0.3220

37.8332, 0.4602,
0.4009

89.5673, 0.2950,
0.3203

■ 33.8828, 0.4900,
0.4062

■ 94.9066, 0.2952,
0.3289

■ 30.4350, 0.5182,
0.4068

■ 27.4620, 0.5426,
0.4019

■ 25.7499, 0.5565,
0.3964

Harmonies

Analogous

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



59.1184, 0.3552, 0.3396



59.1184, 0.3550, 0.3565



59.1184, 0.3431, 0.3668

Triad

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



59.1184, 0.3550, 0.3565



59.1184, 0.2825, 0.3364



59.1184, 0.3010, 0.2943

Complementary

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



59.1184, 0.3550, 0.3565



56.6034, 0.2758, 0.2998

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.



59.1184, 0.2824, 0.2925



59.1184, 0.3550, 0.3565



59.1184, 0.2720, 0.3159

Square

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



59.1184, 0.3550, 0.3565



59.1184, 0.3011, 0.3555



59.1184, 0.2720, 0.3000



59.1184, 0.3234, 0.3045

Rectangle

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



59.1184, 0.3550, 0.3565



59.1184, 0.3305, 0.3681



59.1184, 0.2720, 0.3000



59.1184, 0.2941, 0.2926

Sweetspot

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



59.1211, 0.3550, 0.3565



92.8327, 0.3240, 0.3369



50.3242, 0.3352, 0.2961



19.7419, 0.3250, 0.3376



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.



59.1211, 0.3550, 0.3565



73.7930, 0.3653, 0.3624



72.1393, 0.3486, 0.3847



14.7184, 0.3281, 0.3397



14.9227, 0.5538, 0.3984



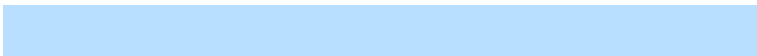
1.2115, 0.5279, 0.4190

Inverse Universe

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



56.6034, 0.2758, 0.2998



69.9464, 0.2682, 0.2930



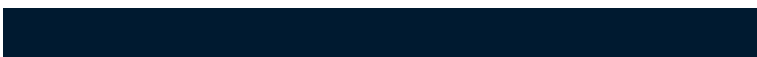
45.2872, 0.2731, 0.2665



14.4794, 0.2981, 0.3181



11.5378, 0.1817, 0.1743



0.9780, 0.1889, 0.2001

Previews

White Background



This preview shows how the Yxy color 59.1184, 0.3550, 0.3565 looks on a white background.

Color Contrast Check

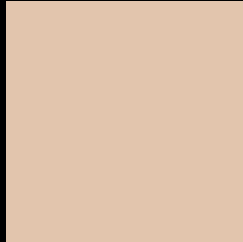
Large Text (above 18pt) WCAG AA × Fail

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 59.1184, 0.3550, 0.3565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

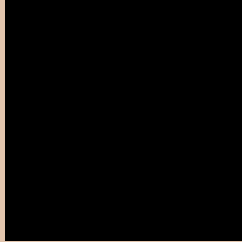
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.1184, 0.3550, 0.3565

Background



This preview shows how black text looks on a background with the Yxy color 59.1184, 0.3550, 0.3565.



This preview shows how white text looks on a background with the Yxy color 59.1184, 0.3550, 0.3565.

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

59.1184, 0.3550, 0.3565

Protanopia

59.3333, 0.3407, 0.3609

Deuteranopia

59.2031, 0.3606, 0.3538



Tritanopia

59.0273, 0.3322, 0.3125

Trichromacy



Original Color

59.1184, 0.3550, 0.3565

Protanomaly

59.1163, 0.3460, 0.3594

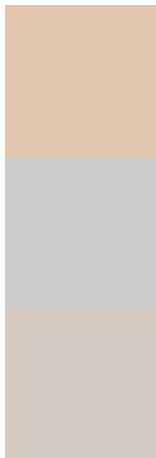
Deuteranomaly

59.3200, 0.3586, 0.3551

Tritanomaly

59.1817, 0.3406, 0.3280

Monochromacy



Original Color

59.1184, 0.3550, 0.3565

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.4279, 0.3272, 0.3396

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.1184, 0.3550, 0.3565 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(226, 197, 173)` looks like.

```
.text, #text, p{  
    color:rgb(226, 197, 173)  
}
```

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(226, 197, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 197, 173) }
```

Border

The CSS property to change the border of an element to Yxy 59.1184, 0.3550, 0.3565 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(226, 197, 173) }
```

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

```
.border{ border-color:rgb(226, 197, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 197, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 197, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 197, 173);  
box-shadow:4px 4px 4px 4px rgb(226, 197,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 59.1184, 0.3550, 0.3565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 197, 173) }
```

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

```
.background{ background-color: rgb(226,  
197, 173) }
```

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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