

Converting Colors

Yxy(58.0691, 0.3619, 0.3540)

Have a look what the booklet for
Yxy(58.0691, 0.3619, 0.3540)
contains.

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Color

Yxy(58.0691, 0.3619, 0.3540)

Conversions

Conversions Part 1

Format	Color
Hex	E7C1AB
RGB	231, 193, 171
RGB Percent	91%, 76%, 67%
CMY	0.0943, 0.2431, 0.3294
CMYK	0.00, 0.16, 0.26, 0.09
HSL	22°, 55%, 79%
HSV	22°, 26%, 91%
XYZ	59.3650, 58.0691, 46.6029
YIQ	201.8540, 29.7100, 1.2140

Conversions

Conversions Part 2

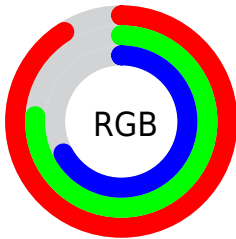
Format	Color
R _Y B	231, 206, 171
Decimal	15188395
CIE Lab	80.78, 10.26, 16.13
CIE LCh	81, 19.118, 57.555
Yxy	58.0691, 0.3619, 0.3540
Android (android.graphics.Color)	4293378475 (0xFFE7C1AB)
YUV	201.8540, -15.2110, 25.5610
Hunter-Lab	76.2031, 5.7026, 17.0826

Details

The Yxy color **58.0691, 0.3619, 0.3540** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **59.9903, 0.2723, 0.3025**, and the grayscale version is **59.0487, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.5024, 0.3304, 0.3515**, and **28.9111, 0.3752, 0.3587** is the 20% darker color. If you saturate the color by 10%, you get **51.1215, 0.3867, 0.3642**, and if you desaturate by 10%, it is **65.8142, 0.3405, 0.3440**.

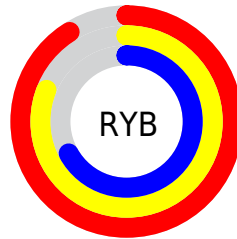
Distribution



Red (91%)

Green (76%)

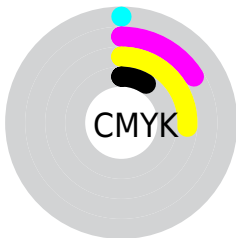
Blue (67%)



Red (91%)

Yellow (81%)

Blue (67%)

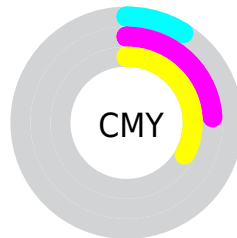


Cyan (0%)

Magenta (16%)

Yellow (26%)

Black (9%)



Cyan (9%)


Magenta (24%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.0691, 0.3619, 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 58.0691, 0.3619, 0.3540 by changing the saturation by 10% instead.


 58.0691, 0.3619,
0.3540

 58.0691, 0.3619,
0.3540

417.4434, 0.3380,
0.3424

 41.8642, 0.3676,
0.3566

 102.0235, 0.3534,
0.3500

 28.9950, 0.3748,
0.3599

130.5417, 0.3502,
0.3484

 19.0770, 0.3842,
0.3639


163.9333, 0.3474,
0.3471

 11.7259, 0.3968,
0.3691

202.5824, 0.3450,
0.3459

 6.5574, 0.4146,
0.3759

246.8736, 0.3429,
0.3449

 3.1869, 0.4415,
0.3849

297.1912, 0.3411,

 1.2300, 0.5186,

0.3440

0.4226

353.9197, 0.3395,
0.3431

0.0860, 0.7943,
0.2057

0.0000, 0.0000,
0.0000

58.0691, 0.3619,
0.3540

58.0691, 0.3619,
0.3540

51.1215, 0.3867,
0.3642

65.8142, 0.3405,
0.3440

44.9370, 0.4149,
0.3739

74.3739, 0.3223,
0.3344

39.4902, 0.4464,
0.3824

83.7748, 0.3067,
0.3255

34.7512, 0.4800,
0.3884

93.4884, 0.2981,
0.3254

■ 30.6877, 0.5140,
0.3908

■ 95.7221, 0.2981,
0.3290

■ 27.2643, 0.5455,
0.3884

■ 24.4410, 0.5718,
0.3807

■ 23.4551, 0.5811,
0.3768

Harmonies

Analogous

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



58.0691, 0.3575, 0.3338



58.0691, 0.3619, 0.3540



58.0691, 0.3525, 0.3687

Triad

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



58.0691, 0.3619, 0.3540



58.0691, 0.2849, 0.3450



58.0691, 0.2919, 0.2884

Complementary

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



58.0691, 0.3619, 0.3540



59.9903, 0.2723, 0.3025

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.



58.0691, 0.2737, 0.2897



58.0691, 0.3619, 0.3540



58.0691, 0.2698, 0.3215

Square

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



58.0691, 0.3619, 0.3540



58.0691, 0.3077, 0.3644



58.0691, 0.2658, 0.3014



58.0691, 0.3163, 0.2970

Rectangle

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



58.0691, 0.3619, 0.3540



58.0691, 0.3400, 0.3730



58.0691, 0.2658, 0.3014



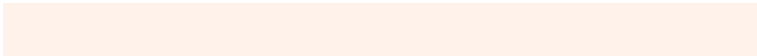
58.0691, 0.2849, 0.2876

Sweetspot

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



58.0718, 0.3619, 0.3540



90.7955, 0.3258, 0.3364



50.7069, 0.3340, 0.2870



19.0798, 0.3285, 0.3378



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.



58.0718, 0.3619, 0.3540



68.0508, 0.3743, 0.3593



72.6779, 0.3539, 0.3858



15.2307, 0.3283, 0.3377



13.3712, 0.5783, 0.3791



1.1607, 0.5506, 0.4010

Inverse Universe

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



59.9903, 0.2723, 0.3025



70.8149, 0.2643, 0.2964



46.6595, 0.2688, 0.2650



15.3994, 0.2981, 0.3202



15.0279, 0.1901, 0.2043



1.2863, 0.1957, 0.2245

Previews

White Background



This preview shows how the Yxy color 58.0691, 0.3619, 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 58.0691, 0.3619, 0.3540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

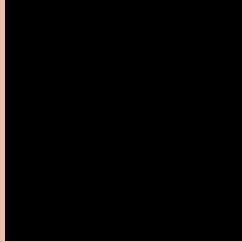
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.0691, 0.3619, 0.3540

Background



This preview shows how black text looks on a background with the Yxy color 58.0691, 0.3619, 0.3540.



This preview shows how white text looks on a background with the Yxy color 58.0691, 0.3619, 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

58.0691, 0.3619, 0.3540

Protanopia

58.1053, 0.3394, 0.3588

Deuteranopia

58.0691, 0.3619, 0.3540



Tritanopia

57.9404, 0.3401, 0.3126

Trichromacy



Original Color

58.0691, 0.3619, 0.3540

Protanomaly

57.8939, 0.3475, 0.3559

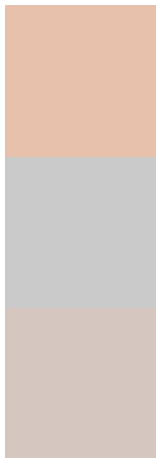
Deuteranomaly

58.0691, 0.3619, 0.3540

Tritanomaly

58.0809, 0.3487, 0.3280

Monochromacy



Original Color

58.0691, 0.3619, 0.3540

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.7546, 0.3298, 0.3384

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.0691, 0.3619, 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(231, 193, 171)` looks like.

```
.text, #text, p{  
    color:rgb(231, 193, 171)  
}
```

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(231, 193, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 193, 171) }
```

Border

The CSS property to change the border of an element to Yxy 58.0691, 0.3619, 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(231, 193, 171) }
```

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

```
.border{ border-color:rgb(231, 193, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 193, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 193, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 193, 171);  
box-shadow:4px 4px 4px 4px rgb(231, 193,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 58.0691, 0.3619, 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(231, 193, 171) }
```

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

```
.background{ background-color: rgb(231,  
193, 171) }
```

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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