

Converting Colors

$Yxy(58.5860, 0.3713, 0.3502)$

Have a look what the booklet for
Yxy(58.5860, 0.3713, 0.3502)
contains.

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Color

Yxy(58.4680, 0.3714, 0.3500)

Conversions

Conversions Part 1

Format	Color
Hex	F1BEAB
RGB	241, 190, 171
RGB Percent	95%, 75%, 67%
CMY	0.0548, 0.2549, 0.3294
CMYK	0.00, 0.21, 0.29, 0.05
HSL	16°, 71%, 81%
HSV	16°, 29%, 95%
XYZ	62.0429, 58.4680, 46.5405
YIQ	203.0830, 36.4950, 4.9030

Conversions

Conversions Part 2

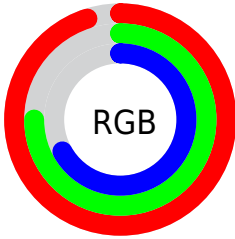
Format	Color
R _{YB}	241, 197, 171
Decimal	15842987
CIE _{Lab}	81.00, 15.64, 16.58
CIE _{LCh}	81, 22.791, 46.683
Yxy	58.4680, 0.3714, 0.3500
Android (android.graphics.Color)	4294033067 (0xFFFF1BEAB)
YUV	203.0830, -15.8169, 33.2532
Hunter-Lab	76.4644, 11.0216, 17.4378

Details

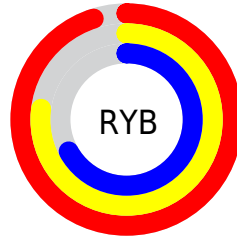
The Yxy color **58.4680, 0.3714, 0.3500** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.2564, 0.2683, 0.3069**, and the grayscale version is **59.8618, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.6625, 0.3308, 0.3486**, and **29.4136, 0.3865, 0.3548** is the 20% darker color. If you saturate the color by 10%, you get **50.4799, 0.3993, 0.3575**, and if you desaturate by 10%, it is **67.5455, 0.3477, 0.3424**.

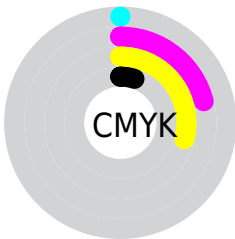
Distribution



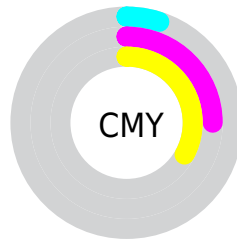
- Red (95%)
- Green (75%)
- Blue (67%)



- Red (95%)
- Yellow (77%)
- Blue (67%)



- Cyan (0%)
- Magenta (21%)
- Yellow (29%)
- Black (5%)





- Cyan (5%)
- Magenta (25%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.4680, 0.3714, 0.3500 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 58.4680, 0.3714, 0.3500 by changing the saturation by 10% instead.

 58.4680, 0.3714,
0.3500

 58.4680, 0.3714,
0.3500


418.9276, 0.3429,
0.3406

 42.1850, 0.3782,
0.3520


 102.6041, 0.3613,
0.3468

 29.2462, 0.3868,
0.3545


131.2259, 0.3574,
0.3455

 19.2671, 0.3980,
0.3575


164.7295, 0.3541,
0.3444

 11.8635, 0.4130,
0.3611

203.4993, 0.3512,
0.3435

 6.6508, 0.4342,
0.3655

247.9196, 0.3488,
0.3426

 3.2447, 0.4661,
0.3704

298.3748, 0.3466,

 1.2608, 0.5507,

0.3419

0.3969

355.2493, 0.3446,
0.3412

0.1105, 0.8150,
0.1850

0.0000, 0.0000,
0.0000

58.4680, 0.3714,
0.3500

58.4680, 0.3714,
0.3500

50.4799, 0.3993,
0.3575

67.5455, 0.3477,
0.3424

43.5316, 0.4316,
0.3645

77.7435, 0.3279,
0.3352

37.5814, 0.4678,
0.3700

89.1020, 0.3113,
0.3284

32.5817, 0.5063,
0.3730

97.4433, 0.3042,
0.3290

■ 28.4806, 0.5443,
0.3723

■ 25.2207, 0.5779,
0.3672

■ 22.7327, 0.6035,
0.3582

■ 22.5322, 0.6057,
0.3573

Harmonies

Analogous

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



58.4680, 0.3603, 0.3254



58.4680, 0.3714, 0.3500



58.4680, 0.3658, 0.3707

Triad

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



58.4680, 0.3714, 0.3500



58.4680, 0.2886, 0.3576



58.4680, 0.2790, 0.2802

Complementary

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



58.4680, 0.3714, 0.3500



67.2564, 0.2683, 0.3069

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.



58.4680, 0.2617, 0.2859



58.4680, 0.3714, 0.3500



58.4680, 0.2670, 0.3299

Square

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



58.4680, 0.3714, 0.3500



58.4680, 0.3173, 0.3769



58.4680, 0.2574, 0.3036



58.4680, 0.3059, 0.2864

Rectangle

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



58.4680, 0.3714, 0.3500



58.4680, 0.3537, 0.3793



58.4680, 0.2574, 0.3036



58.4680, 0.2719, 0.2807

Sweetspot

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



58.4707, 0.3714, 0.3500



88.4009, 0.3278, 0.3352



53.1197, 0.3313, 0.2746



18.5419, 0.3305, 0.3362



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.



58.4707, 0.3714, 0.3500



60.8203, 0.3878, 0.3546



75.3191, 0.3611, 0.3860



16.4569, 0.3286, 0.3355



12.4081, 0.6028, 0.3595



1.1917, 0.5772, 0.3799

Inverse Universe

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



67.2564, 0.2683, 0.3069



72.3257, 0.2595, 0.3015



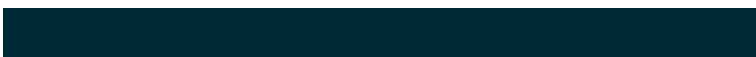
50.6914, 0.2637, 0.2646



17.1609, 0.2981, 0.3224



20.4292, 0.1996, 0.2384



1.8636, 0.2033, 0.2517

Previews

White Background



This preview shows how the Yxy color 58.4680, 0.3714, 0.3500 looks on a white background.

Color Contrast Check

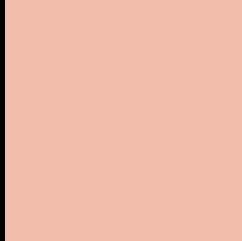
Large Text (above 18pt) WCAG AA × Fail

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 58.4680, 0.3714, 0.3500 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 58.4680, 0.3714, 0.3500

Background



This preview shows how black text looks on a background with the Yxy color 58.4680, 0.3714, 0.3500.



This preview shows how white text looks on a background with the Yxy color 58.4680, 0.3714, 0.3500.

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

58.4680, 0.3714, 0.3500

Protanopia

58.7568, 0.3393, 0.3586

Deuteranopia

58.6417, 0.3633, 0.3561



Tritanopia

58.5210, 0.3504, 0.3141

Trichromacy



Original Color

58.4680, 0.3714, 0.3500

Protanomaly

58.5181, 0.3508, 0.3556

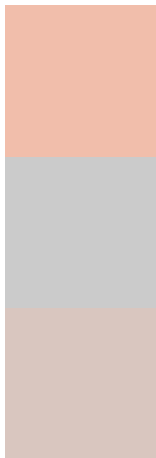
Deuteranomaly

58.7044, 0.3662, 0.3548

Tritanomaly

58.2695, 0.3587, 0.3270

Monochromacy



Original Color

58.4680, 0.3714, 0.3500

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

58.9015, 0.3332, 0.3371

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.4680, 0.3714, 0.3500 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(241, 190, 171)` looks like.

```
.text, #text, p{  
    color:rgb(241, 190, 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(241, 190, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 190, 171) }
```

Border

The CSS property to change the border of an element to Yxy 58.4680, 0.3714, 0.3500 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(241, 190, 171) }
```

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

```
.border{ border-color:rgb(241, 190, 171) }
```

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

Here you see how a box with a 4 pixel rgb(241, 190, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 190, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 190, 171);  
box-shadow:4px 4px 4px 4px rgb(241, 190,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 58.4680, 0.3714, 0.3500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 190, 171) }
```

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

```
.background{ background-color: rgb(241,  
190, 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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