

Converting Colors

Yxy(58.5986, 0.3719, 0.3475)

Have a look what the booklet for
Yxy(58.5986, 0.3719, 0.3475)
contains.

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Color

Yxy(58.4670, 0.3717, 0.3466)

Conversions

Conversions Part 1

Format	Color
Hex	F3BDAD
RGB	243, 189, 173
RGB Percent	95%, 74%, 68%
CMY	0.0471, 0.2588, 0.3215
CMYK	0.00, 0.22, 0.29, 0.05
HSL	14°, 74%, 82%
HSV	14°, 29%, 95%
XYZ	62.7010, 58.4670, 47.5192
YIQ	203.3220, 37.3200, 6.4720

Conversions

Conversions Part 2

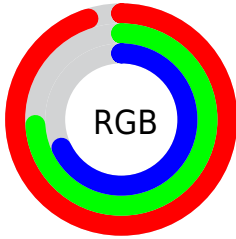
Format	Color
R _Y B	243, 194, 173
Decimal	15973805
CIE Lab	81.00, 17.17, 15.53
CIE LCh	81, 23.150, 42.140
Yxy	58.4670, 0.3717, 0.3466
Android (android.graphics.Color)	4294163885 (0xFFFF3BDAD)
YUV	203.3220, -14.9487, 34.7976
Hunter-Lab	76.4637, 12.5604, 16.6782

Details

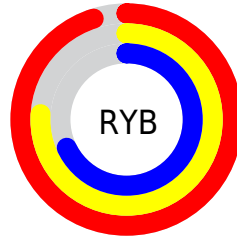
The Yxy color **58.4670, 0.3717, 0.3466** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.2895, 0.2690, 0.3106**, and the grayscale version is **60.0137, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.1663, 0.3297, 0.3457**, and **29.4279, 0.3870, 0.3504** is the 20% darker color. If you saturate the color by 10%, you get **50.0629, 0.4004, 0.3530**, and if you desaturate by 10%, it is **68.0898, 0.3476, 0.3402**.

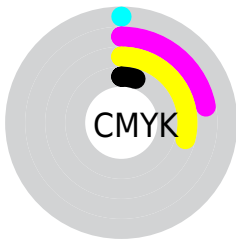
Distribution



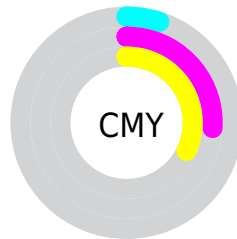
- Red (95%)
- Green (74%)
- Blue (68%)



- Red (95%)
- Yellow (76%)
- Blue (68%)



- Cyan (0%)
- Magenta (22%)
- Yellow (29%)
- Black (5%)





- Cyan (5%)
- Magenta (26%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.4670, 0.3717, 0.3466 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 58.4670, 0.3717, 0.3466 by changing the saturation by 10% instead.


 58.4670, 0.3717,
0.3466

 58.4670, 0.3717,
0.3466

418.9238, 0.3431,
0.3388

 42.1842, 0.3786,
0.3483


 102.6026, 0.3615,
0.3440

 29.2456, 0.3872,
0.3502


131.2242, 0.3576,
0.3429

 19.2667, 0.3985,
0.3526

164.7275, 0.3543,
0.3420

 11.8631, 0.4137,
0.3554

203.4970, 0.3514,
0.3412

 6.6505, 0.4351,
0.3587

247.9169, 0.3489,
0.3405

 3.2445, 0.4675,
0.3619

298.3718, 0.3467,

 1.2607, 0.5468,

0.3399

0.3808

355.2460, 0.3448,
0.3393

0.1105, 0.8259,
0.1741

0.0000, 0.0000,
0.0000

58.4670, 0.3717,
0.3466

58.4670, 0.3717,
0.3466

50.0629, 0.4004,
0.3530

68.0898, 0.3476,
0.3402

42.8204, 0.4339,
0.3588

78.9691, 0.3275,
0.3341

36.6898, 0.4717,
0.3634

91.1514, 0.3109,
0.3283

31.6148, 0.5121,
0.3656

97.7933, 0.3054,
0.3290

■ 27.5337, 0.5519,
0.3645

■ 24.3780, 0.5866,
0.3595

■ 22.0660, 0.6121,
0.3510

■ 21.8387, 0.6148,
0.3501

Harmonies

Analogous

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



58.4670, 0.3580, 0.3216



58.4670, 0.3717, 0.3466



58.4670, 0.3686, 0.3687

Triad

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



58.4670, 0.3717, 0.3466



58.4670, 0.2923, 0.3618



58.4670, 0.2751, 0.2795

Complementary

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



58.4670, 0.3717, 0.3466



70.2895, 0.2690, 0.3106

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.



58.4670, 0.2593, 0.2873



58.4670, 0.3717, 0.3466



58.4670, 0.2689, 0.3343

Square

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



58.4670, 0.3717, 0.3466



58.4670, 0.3220, 0.3795



58.4670, 0.2571, 0.3068



58.4670, 0.3012, 0.2841

Rectangle

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



58.4670, 0.3717, 0.3466



58.4670, 0.3576, 0.3786



58.4670, 0.2571, 0.3068



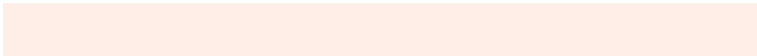
58.4670, 0.2685, 0.2807

Sweetspot

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



58.4697, 0.3717, 0.3466



87.8296, 0.3279, 0.3342



54.5356, 0.3282, 0.2717



18.4020, 0.3306, 0.3351



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.



58.4697, 0.3717, 0.3466



59.1873, 0.3892, 0.3506



74.9335, 0.3617, 0.3821



17.0971, 0.3288, 0.3345



12.1538, 0.6122, 0.3521



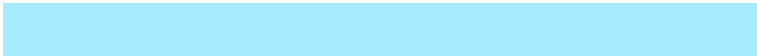
1.2176, 0.5886, 0.3709

Inverse Universe

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



70.2895, 0.2690, 0.3106



74.4849, 0.2601, 0.3060



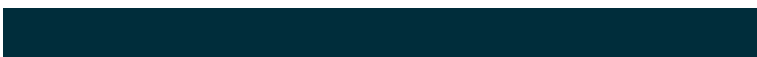
53.4237, 0.2646, 0.2695



18.0776, 0.2980, 0.3235



23.3743, 0.2037, 0.2535



2.2074, 0.2067, 0.2640

Previews

White Background



This preview shows how the Yxy color 58.4670, 0.3717, 0.3466 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 58.4670, 0.3717, 0.3466 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

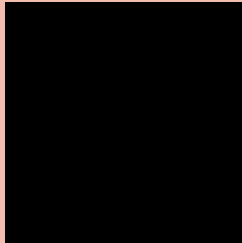
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.4670, 0.3717, 0.3466

Background



This preview shows how black text looks on a background with the Yxy color 58.4670, 0.3717, 0.3466.



This preview shows how white text looks on a background with the Yxy color 58.4670, 0.3717, 0.3466.

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

58.4670, 0.3717, 0.3466

Protanopia

58.7296, 0.3362, 0.3551

Deuteranopia

58.5511, 0.3608, 0.3539



Tritanopia

58.4143, 0.3532, 0.3142

Trichromacy



Original Color

58.4670, 0.3717, 0.3466

Protanomaly

58.6364, 0.3485, 0.3521

Deuteranomaly

58.3400, 0.3648, 0.3515

Tritanomaly

58.2480, 0.3598, 0.3248

Monochromacy



Original Color

58.4670, 0.3717, 0.3466

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.0994, 0.3333, 0.3360

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.4670, 0.3717, 0.3466 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(243, 189, 173)` looks like.

```
.text, #text, p{  
    color:rgb(243, 189, 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(243, 189, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 189, 173) }
```

Border

The CSS property to change the border of an element to Yxy 58.4670, 0.3717, 0.3466 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(243, 189, 173) }
```

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

```
.border{ border-color:rgb(243, 189, 173) }
```

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

Here you see how a box with a 4 pixel rgb(243, 189, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 189, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 189, 173);  
box-shadow:4px 4px 4px 4px rgb(243, 189,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 58.4670, 0.3717, 0.3466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 189, 173) }
```

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

```
.background{ background-color: rgb(243,  
189, 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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