

Converting Colors

Yxy(58.6620, 0.3714, 0.3462)

Have a look what the booklet for
Yxy(58.6620, 0.3714, 0.3462)
contains.

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Color

Yxy(58.5059, 0.3709, 0.3455)

Conversions

Conversions Part 1

Format	Color
Hex	F3BDAE
RGB	243, 189, 174
RGB Percent	95%, 74%, 68%
CMY	0.0469, 0.2588, 0.3177
CMYK	0.00, 0.22, 0.28, 0.05
HSL	13°, 74%, 82%
HSV	13°, 28%, 95%
XYZ	62.8071, 58.5059, 48.0239
YIQ	203.4360, 36.9990, 6.7830

Conversions

Conversions Part 2

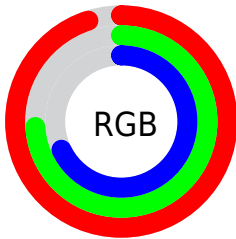
Format	Color
R _Y B	243, 193, 174
Decimal	15973806
CIE Lab	81.02, 17.32, 15.03
CIE LCh	81, 22.934, 40.961
Yxy	58.5059, 0.3709, 0.3455
Android (android.graphics.Color)	4294163886 (0xFFFF3BDAE)
YUV	203.4360, -14.5119, 34.6976
Hunter-Lab	76.4891, 12.7146, 16.3170

Details

The Yxy color **58.5059, 0.3709, 0.3455** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.9756, 0.2697, 0.3118**, and the grayscale version is **60.0875, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.2220, 0.3290, 0.3447**, and **29.4526, 0.3859, 0.3490** is the 20% darker color. If you saturate the color by 10%, you get **49.9909, 0.3996, 0.3516**, and if you desaturate by 10%, it is **68.2713, 0.3468, 0.3394**.

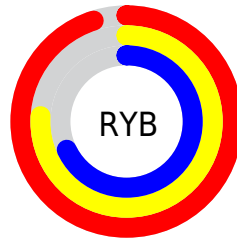
Distribution



Red (95%)

Green (74%)

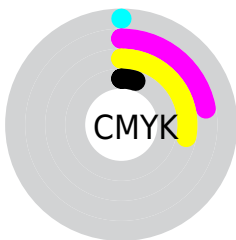
Blue (68%)



Red (95%)

Yellow (76%)

Blue (68%)

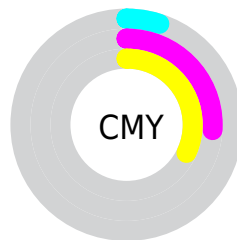


Cyan (0%)

Magenta (22%)

Yellow (28%)

Black (5%)



Cyan (5%)


Magenta (26%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.5059, 0.3709, 0.3455 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 58.5059, 0.3709, 0.3455 by changing the saturation by 10% instead.


 58.5059, 0.3709,
0.3455

 58.5059, 0.3709,
0.3455


419.0684, 0.3426,
0.3382

 42.2155, 0.3777,
0.3470


 102.6592, 0.3608,
0.3431

 29.2701, 0.3862,
0.3489


131.2909, 0.3570,
0.3421

 19.2852, 0.3973,
0.3511


164.8051, 0.3537,
0.3412

 11.8766, 0.4123,
0.3536

203.5863, 0.3509,
0.3405

 6.6597, 0.4335,
0.3566

248.0188, 0.3484,
0.3398

 3.2502, 0.4655,
0.3596

298.4871, 0.3463,

 1.2637, 0.5416,

0.3392

0.3759

355.3755, 0.3444,
0.3387

0.1128, 0.8245,
0.1755

0.0000, 0.0000,
0.0000

58.5059, 0.3709,
0.3455

58.5059, 0.3709,
0.3455

49.9909, 0.3996,
0.3516

68.2713, 0.3468,
0.3394

42.6673, 0.4332,
0.3572

79.3265, 0.3268,
0.3336

36.4836, 0.4713,
0.3615

91.7196, 0.3103,
0.3282

31.3813, 0.5122,
0.3637

97.8001, 0.3054,
0.3290

■ 27.2963, 0.5526,
0.3626

■ 24.1575, 0.5878,
0.3577

■ 21.8808, 0.6135,
0.3496

■ 21.5882, 0.6170,
0.3483

Harmonies

Analogous

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



58.5059, 0.3567, 0.3207



58.5059, 0.3709, 0.3455



58.5059, 0.3685, 0.3676

Triad

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



58.5059, 0.3709, 0.3455



58.5059, 0.2936, 0.3624



58.5059, 0.2746, 0.2800

Complementary

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



58.5059, 0.3709, 0.3455



70.9756, 0.2697, 0.3118

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.



58.5059, 0.2595, 0.2882



58.5059, 0.3709, 0.3455



58.5059, 0.2700, 0.3354

Square

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



58.5059, 0.3709, 0.3455



58.5059, 0.3231, 0.3794



58.5059, 0.2579, 0.3080



58.5059, 0.3002, 0.2841

Rectangle

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



58.5059, 0.3709, 0.3455



58.5059, 0.3580, 0.3777



58.5059, 0.2579, 0.3080



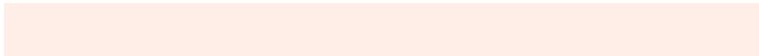
58.5059, 0.2682, 0.2814

Sweetspot

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



58.5086, 0.3709, 0.3455



87.6783, 0.3280, 0.3339



54.9361, 0.3279, 0.2725



18.3650, 0.3307, 0.3348



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.



58.5086, 0.3709, 0.3455



59.6969, 0.3866, 0.3490



75.1432, 0.3609, 0.3813



17.0661, 0.3288, 0.3342



12.0055, 0.6145, 0.3503



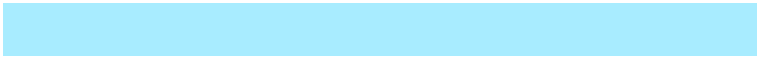
1.2004, 0.5911, 0.3689

Inverse Universe

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



70.9756, 0.2697, 0.3118



75.6630, 0.2616, 0.3078



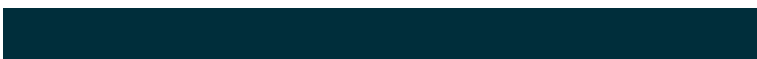
53.8571, 0.2653, 0.2705



18.1110, 0.2980, 0.3237



24.0192, 0.2049, 0.2574



2.2589, 0.2076, 0.2674

Previews

White Background



This preview shows how the Yxy color 58.5059, 0.3709, 0.3455 looks on a white background.

Color Contrast Check

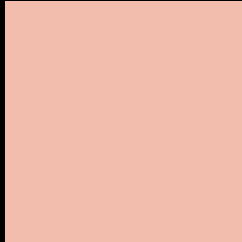
Large Text (above 18pt) WCAG AA × Fail

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 58.5059, 0.3709, 0.3455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

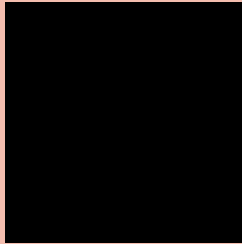
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.5059, 0.3709, 0.3455

Background



This preview shows how black text looks on a background with the Yxy color 58.5059, 0.3709, 0.3455.



This preview shows how white text looks on a background with the Yxy color 58.5059, 0.3709, 0.3455.

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

58.5059, 0.3709, 0.3455

Protanopia

58.7702, 0.3354, 0.3539

Deuteranopia

58.5896, 0.3600, 0.3528



Tritanopia

58.4143, 0.3532, 0.3142

Trichromacy



Original Color

58.5059, 0.3709, 0.3455

Protanomaly

58.6765, 0.3477, 0.3510

Deuteranomaly

58.3786, 0.3640, 0.3503

Tritanomaly

58.2480, 0.3598, 0.3248

Monochromacy



Original Color

58.5059, 0.3709, 0.3455

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 58.5059, 0.3709, 0.3455 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, 174)` looks like.

```
.text, #text, p{  
    color:rgb(243, 189, 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(243, 189, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 189, 174) }
```

Border

The CSS property to change the border of an element to Yxy 58.5059, 0.3709, 0.3455 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, 174) }
```

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

```
.border{ border-color:rgb(243, 189, 174) }
```

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, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 189, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 189, 174);  
box-shadow:4px 4px 4px 4px rgb(243, 189,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 58.5059, 0.3709, 0.3455 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, 174) }
```

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

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

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