

Converting Colors

$Yxy(58.6754, 0.3730, 0.3458)$

Have a look what the booklet for
Yxy(58.6754, 0.3730, 0.3458)
contains.

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Color

Yxy(58.8248, 0.3734, 0.3465)

Conversions

Conversions Part 1

Format	Color
Hex	F5BDAD
RGB	245, 189, 173
RGB Percent	96%, 74%, 68%
CMY	0.0393, 0.2588, 0.3215
CMYK	0.00, 0.23, 0.29, 0.04
HSL	13°, 78%, 82%
HSV	13°, 29%, 96%
XYZ	63.3916, 58.8248, 47.5522
YIQ	203.9200, 38.5120, 6.8960

Conversions

Conversions Part 2

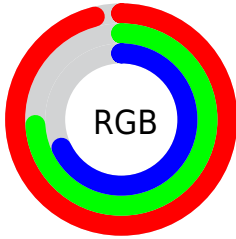
Format	Color
R _Y B	245, 194, 173
Decimal	16104877
CIE Lab	81.20, 17.91, 15.84
CIE LCh	81, 23.906, 41.491
Yxy	58.8248, 0.3734, 0.3465
Android (android.graphics.Color)	4294294957 (0xFFFF5BDAD)
YUV	203.9200, -15.2436, 36.0272
Hunter-Lab	76.6973, 13.3128, 16.9285

Details

The Yxy color **58.8248, 0.3734, 0.3465** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.5002, 0.2682, 0.3107**, and the grayscale version is **60.4114, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.1663, 0.3297, 0.3457**, and **29.6802, 0.3893, 0.3502** is the 20% darker color. If you saturate the color by 10%, you get **50.2992, 0.4025, 0.3527**, and if you desaturate by 10%, it is **68.6062, 0.3489, 0.3403**.

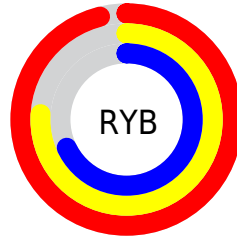
Distribution



Red (96%)

Green (74%)

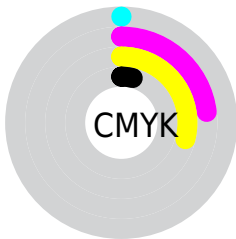
Blue (68%)



Red (96%)

Yellow (76%)

Blue (68%)

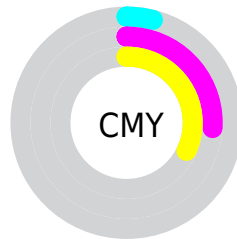


Cyan (0%)

Magenta (23%)

Yellow (29%)

Black (4%)



Cyan (4%)


Magenta (26%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.8248, 0.3734, 0.3465 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 58.8248, 0.3734, 0.3465 by changing the saturation by 10% instead.

 58.8248, 0.3734,
0.3465

 58.8248, 0.3734,
0.3465


420.2523, 0.3440,
0.3388

 42.4721, 0.3805,
0.3481


 103.1230, 0.3629,
0.3439

 29.4711, 0.3894,
0.3500


131.8373, 0.3589,
0.3429

 19.4375, 0.4009,
0.3523


165.4409, 0.3555,
0.3420

 11.9868, 0.4164,
0.3550

204.3182, 0.3526,
0.3412

 6.7347, 0.4383,
0.3580

248.8536, 0.3500,
0.3405

 3.2968, 0.4713,
0.3609

299.4315, 0.3477,

 1.2886, 0.5507,

0.3399

0.3782

356.4363, 0.3457,
0.3393

0.1323, 0.8097,
0.1903

0.0000, 0.0000,
0.0000

58.8248, 0.3734,
0.3465

58.8248, 0.3734,
0.3465

50.2992, 0.4025,
0.3527

68.6062, 0.3489,
0.3403

42.9701, 0.4365,
0.3583

79.6833, 0.3286,
0.3343

36.7854, 0.4747,
0.3626

92.1044, 0.3118,
0.3287

31.6861, 0.5156,
0.3646

98.1486, 0.3066,
0.3290

■ 27.6073, 0.5555,
0.3632

■ 24.4771, 0.5898,
0.3579

■ 22.2081, 0.6147,
0.3495

■ 22.0920, 0.6160,
0.3491

Harmonies

Analogous

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



58.8248, 0.3589, 0.3208



58.8248, 0.3734, 0.3465



58.8248, 0.3705, 0.3694

Triad

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



58.8248, 0.3734, 0.3465



58.8248, 0.2923, 0.3634



58.8248, 0.2735, 0.2781

Complementary

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



58.8248, 0.3734, 0.3465



71.5002, 0.2682, 0.3107

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.



58.8248, 0.2576, 0.2863



58.8248, 0.3734, 0.3465



58.8248, 0.2680, 0.3351

Square

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



58.8248, 0.3734, 0.3465



58.8248, 0.3229, 0.3813



58.8248, 0.2556, 0.3066



58.8248, 0.3002, 0.2826

Rectangle

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



58.8248, 0.3734, 0.3465



58.8248, 0.3594, 0.3799



58.8248, 0.2556, 0.3066



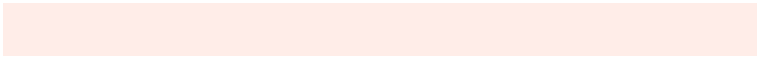
58.8248, 0.2668, 0.2794

Sweetspot

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



58.8275, 0.3734, 0.3465



87.7466, 0.3280, 0.3341



54.9779, 0.3286, 0.2705



18.3817, 0.3307, 0.3349



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.



58.8275, 0.3734, 0.3465



58.9529, 0.3894, 0.3501



76.0536, 0.3628, 0.3832



17.0801, 0.3288, 0.3343



12.0715, 0.6135, 0.3511



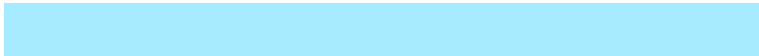
1.2081, 0.5899, 0.3698

Inverse Universe

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



71.5002, 0.2682, 0.3107



74.8034, 0.2602, 0.3066



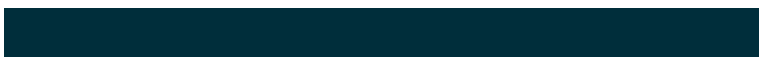
53.7937, 0.2635, 0.2681



18.0959, 0.2980, 0.3236



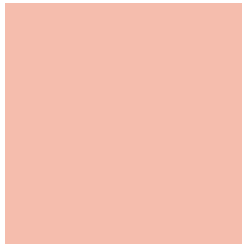
23.7264, 0.2044, 0.2556



2.2355, 0.2072, 0.2659

Previews

White Background



This preview shows how the Yxy color 58.8248, 0.3734, 0.3465 looks on a white background.

Color Contrast Check

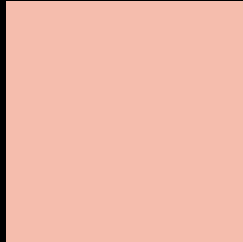
Large Text (above 18pt) WCAG AA × Fail

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 58.8248, 0.3734, 0.3465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

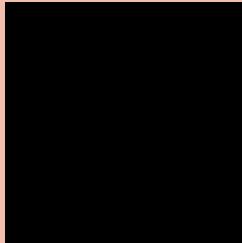
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.8248, 0.3734, 0.3465

Background



This preview shows how black text looks on a background with the Yxy color 58.8248, 0.3734, 0.3465.



This preview shows how white text looks on a background with the Yxy color 58.8248, 0.3734, 0.3465.

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

58.8248, 0.3734, 0.3465

Protanopia

58.8768, 0.3370, 0.3550

Deuteranopia

58.7179, 0.3617, 0.3539



Tritanopia

58.7779, 0.3549, 0.3143

Trichromacy



Original Color

58.8248, 0.3734, 0.3465

Protanomaly

58.7948, 0.3493, 0.3521

Deuteranomaly

58.6824, 0.3665, 0.3513

Tritanomaly

58.6097, 0.3615, 0.3249

Monochromacy



Original Color

58.8248, 0.3734, 0.3465

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

59.7572, 0.3332, 0.3359

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.8248, 0.3734, 0.3465 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(245, 189, 173)` looks like.

```
.text, #text, p{  
    color:rgb(245, 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(245, 189, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 189, 173) }
```

Border

The CSS property to change the border of an element to Yxy 58.8248, 0.3734, 0.3465 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(245, 189, 173) }
```

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

```
.border{ border-color:rgb(245, 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(245, 189, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 189, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 189, 173);  
box-shadow:4px 4px 4px 4px rgb(245, 189,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 58.8248, 0.3734, 0.3465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 189, 173) }
```

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

```
.background{ background-color: rgb(245,  
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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