

Converting Colors

Yxy(65.7408, 0.4142, 0.3439)

Have a look what the booklet for
Yxy(65.7408, 0.4142, 0.3439)
contains.

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Color

Yxy(58.8225, 0.3868, 0.3460)

Conversions

Conversions Part 1

Format	Color
Hex	FFB9A9
RGB	255, 185, 169
RGB Percent	100%, 73%, 66%
CMY	0.0000, 0.2745, 0.3372
CMYK	0.00, 0.27, 0.34, 0.00
HSL	11°, 100%, 83%
HSV	11°, 34%, 100%
XYZ	65.7588, 58.8225, 45.4259
YIQ	204.1060, 46.8560, 9.8640

Conversions

Conversions Part 2

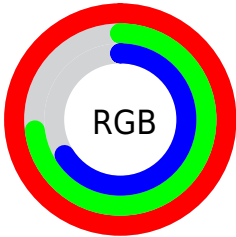
Format	Color
R _Y B	255, 189, 169
Decimal	16759209
CIE Lab	81.19, 23.28, 18.13
CIE LCh	81, 29.511, 37.909
Yxy	58.8225, 0.3868, 0.3460
Android (android.graphics.Color)	4294949289 (0xFFFFB9A9)
YUV	204.1060, -17.3073, 44.6340
Hunter-Lab	76.6958, 18.8277, 18.5704

Details

The Yxy color **58.8225, 0.3868, 0.3460** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.3959, 0.2624, 0.3111**, and the grayscale version is **60.5399, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.5524, 0.3327, 0.3458**, and **29.6572, 0.4063, 0.3494** is the 20% darker color. If you saturate the color by 10%, you get **49.8931, 0.4190, 0.3510**, and if you desaturate by 10%, it is **69.2010, 0.3597, 0.3407**.

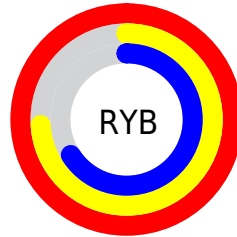
Distribution



Red (100%)

Green (73%)

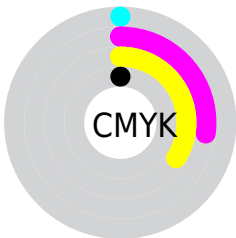
Blue (66%)



Red (100%)

Yellow (74%)

Blue (66%)

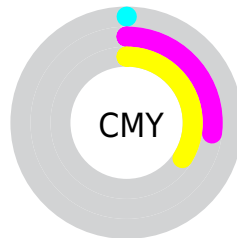


Cyan (0%)

Magenta (27%)

Yellow (34%)

Black (0%)



Cyan (0%)

Magenta (27%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.8225, 0.3868, 0.3460 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 58.8225, 0.3868, 0.3460 by changing the saturation by 10% instead.


 58.8225, 0.3868,
0.3460

 58.8225, 0.3868,
0.3460

420.2438, 0.3508,
0.3389

 42.4702, 0.3954,
0.3474


 103.1196, 0.3740,
0.3437

 29.4697, 0.4062,
0.3489


131.8333, 0.3691,
0.3428

 19.4364, 0.4203,
0.3506


165.4363, 0.3649,
0.3420

 11.9860, 0.4391,
0.3524

204.3129, 0.3613,
0.3412

 6.7342, 0.4654,
0.3538

248.8475, 0.3582,
0.3405

 3.2964, 0.5046,
0.3534

299.4247, 0.3555,

 1.2884, 0.6062,

0.3399

0.3703

356.4286, 0.3530,
0.3394

0.1322, 0.8400,
0.1600

0.0000, 0.0000,
0.0000

58.8225, 0.3868,
0.3460

58.8225, 0.3868,
0.3460

49.8931, 0.4190,
0.3510

69.2010, 0.3597,
0.3407

42.3558, 0.4564,
0.3553

81.0987, 0.3372,
0.3356

36.1369, 0.4977,
0.3580

94.5705, 0.3187,
0.3307

31.1594, 0.5402,
0.3581

100.0000, 0.3127,
0.3290

■ 27.3378, 0.5792,
0.3550

■ 24.5752, 0.6094,
0.3485

■ 23.3258, 0.6228,
0.3437

Harmonies

Analogous

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



58.8225, 0.3665, 0.3149



58.8225, 0.3868, 0.3460



58.8225, 0.3856, 0.3751

Triad

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



58.8225, 0.3868, 0.3460



58.8225, 0.2915, 0.3756



58.8225, 0.2614, 0.2672

Complementary

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



58.8225, 0.3868, 0.3460



77.3959, 0.2624, 0.3111

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.



58.8225, 0.2442, 0.2785



58.8225, 0.3868, 0.3460



58.8225, 0.2607, 0.3407

Square

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



58.8225, 0.3868, 0.3460



58.8225, 0.3293, 0.3957



58.8225, 0.2439, 0.3046



58.8225, 0.2927, 0.2712

Rectangle

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



58.8225, 0.3868, 0.3460



58.8225, 0.3731, 0.3896



58.8225, 0.2439, 0.3046



58.8225, 0.2539, 0.2693

Sweetspot

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



58.8196, 0.3868, 0.3460



85.9280, 0.3299, 0.3337



55.8837, 0.3292, 0.2589



17.9964, 0.3326, 0.3344



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.



58.8196, 0.3868, 0.3460



53.0509, 0.4064, 0.3492



79.4842, 0.3722, 0.3888



18.5332, 0.3290, 0.3335



12.3438, 0.6205, 0.3455



1.3410, 0.6005, 0.3614

Inverse Universe

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



77.3959, 0.2624, 0.3111



74.0044, 0.2541, 0.3072



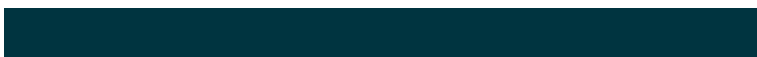
55.2424, 0.2559, 0.2607



19.8734, 0.2980, 0.3245



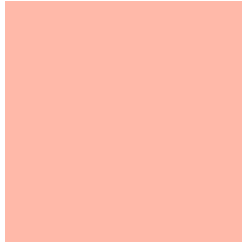
27.4470, 0.2079, 0.2682



2.8142, 0.2100, 0.2759

Previews

White Background



This preview shows how the Yxy color 58.8225, 0.3868, 0.3460 looks on a white background.

Color Contrast Check

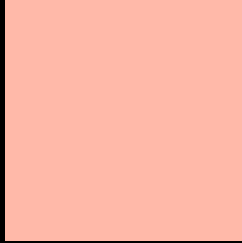
Large Text (above 18pt) WCAG AA × Fail

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 58.8225, 0.3868, 0.3460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

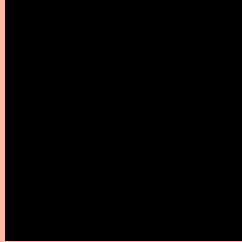
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.8225, 0.3868, 0.3460

Background



This preview shows how black text looks on a background with the Yxy color 58.8225, 0.3868, 0.3460.



This preview shows how white text looks on a background with the Yxy color 58.8225, 0.3868, 0.3460.

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

58.8225, 0.3868, 0.3460

Protanopia

58.7965, 0.3385, 0.3574

Deuteranopia

58.8660, 0.3675, 0.3593



Tritanopia

58.6560, 0.3649, 0.3156

Trichromacy



Original Color

58.8225, 0.3868, 0.3460

Protanomaly

58.4171, 0.3556, 0.3530

Deuteranomaly

58.9660, 0.3744, 0.3543

Tritanomaly

58.6721, 0.3725, 0.3260

Monochromacy



Original Color

58.8225, 0.3868, 0.3460

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

59.3821, 0.3383, 0.3359

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.8225, 0.3868, 0.3460 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(255, 185, 169)` looks like.

```
.text, #text, p{  
    color:rgb(255, 185, 169)  
}
```

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(255, 185, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 185, 169) }
```

Border

The CSS property to change the border of an element to Yxy 58.8225, 0.3868, 0.3460 is called "border". The border property can be set on classes, ids or directly on the HTML element.

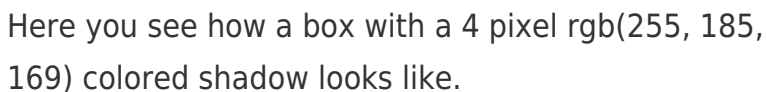
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 185, 169) }
```

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

```
.border{ border-color:rgb(255, 185, 169) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 185, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 185, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 185, 169); box-shadow:4px 4px 4px 4px rgb(255, 185, 169) }
```


Background

The CSS property to change the background color of an element to Yxy 58.8225, 0.3868, 0.3460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 185, 169) }
```

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

```
.background{ background-color: rgb(255,  
185, 169) }
```

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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