

Converting Colors

$Y_{xy}(59.5822, 0.3936, 0.3372)$

Have a look what the booklet for
Yxy(59.5822, 0.3936, 0.3372)
contains.

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Color

Yxy(57.3249, 0.3846, 0.3376)

Conversions

Conversions Part 1

Format	Color
Hex	FFB5AD
RGB	255, 181, 173
RGB Percent	100%, 71%, 68%
CMY	0.0000, 0.2902, 0.3215
CMYK	0.00, 0.29, 0.32, 0.00
HSL	6°, 100%, 84%
HSV	6°, 32%, 100%
XYZ	65.3056, 57.3249, 47.1708
YIQ	202.2140, 46.6720, 13.2000

Conversions

Conversions Part 2

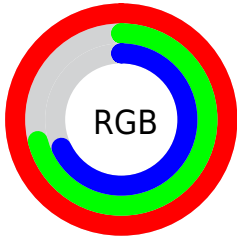
Format	Color
R _Y B	255, 182, 173
Decimal	16758189
CIE Lab	80.36, 25.85, 14.81
CIE LCh	80, 29.793, 29.804
Yxy	57.3249, 0.3846, 0.3376
Android (android.graphics.Color)	4294948269 (0xFFFFB5AD)
YUV	202.2140, -14.4025, 46.2933
Hunter-Lab	75.7132, 21.4650, 16.0604

Details

The Yxy color **57.3249, 0.3846, 0.3376** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.6317, 0.2656, 0.3201**, and the grayscale version is **59.2755, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.4298, 0.3306, 0.3379**, and **28.6891, 0.4037, 0.3387** is the 20% darker color. If you saturate the color by 10%, you get **47.8328, 0.4181, 0.3403**, and if you desaturate by 10%, it is **68.5569, 0.3569, 0.3348**.

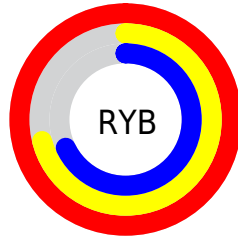
Distribution



Red (100%)

Green (71%)

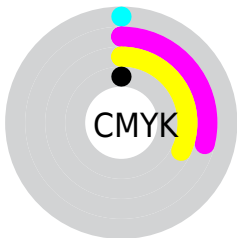
Blue (68%)



Red (100%)

Yellow (71%)

Blue (68%)

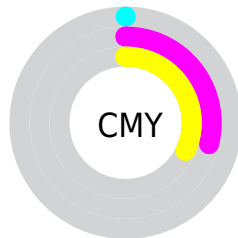


Cyan (0%)

Magenta (29%)

Yellow (32%)

Black (0%)



Cyan (0%)


Magenta (29%)

Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.3249, 0.3846, 0.3376 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 57.3249, 0.3846, 0.3376 by changing the saturation by 10% instead.


 57.3249, 0.3846,
0.3376

 57.3249, 0.3846,
0.3376

414.6656, 0.3495,
0.3344

 41.2661, 0.3931,
0.3381


 100.9391, 0.3721,
0.3367

 28.5271, 0.4037,
0.3386


129.2633, 0.3673,
0.3363

 18.7234, 0.4176,
0.3389


162.4449, 0.3632,
0.3359

 11.4706, 0.4363,
0.3389

200.8681, 0.3597,
0.3355

 6.3843, 0.4629,
0.3381

244.9174, 0.3567,
0.3352

 3.0801, 0.5029,
0.3347

294.9771, 0.3540,

 1.1737, 0.5979,

0.3349

0.3401

351.4318, 0.3516,
0.3347

0.0401, 0.9435,
0.0565

0.0000, 0.0000,
0.0000

57.3249, 0.3846,
0.3376

57.3249, 0.3846,
0.3376

47.8328, 0.4181,
0.3403

68.5569, 0.3569,
0.3348

39.9857, 0.4576,
0.3426

81.6012, 0.3344,
0.3321

33.6925, 0.5019,
0.3439

96.5359, 0.3162,
0.3295

28.8493, 0.5476,
0.3438

99.9979, 0.3127,
0.3290

■ 25.3400, 0.5890,
0.3418

■ 23.0302, 0.6197,
0.3380

■ 21.9461, 0.6341,
0.3347

Harmonies

Analogous

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



57.3249, 0.3588, 0.3067



57.3249, 0.3846, 0.3376



57.3249, 0.3895, 0.3685

Triad

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



57.3249, 0.3846, 0.3376



57.3249, 0.3012, 0.3840



57.3249, 0.2542, 0.2677

Complementary

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



57.3249, 0.3846, 0.3376



82.6317, 0.2656, 0.3201

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.



57.3249, 0.2412, 0.2834



57.3249, 0.3846, 0.3376



57.3249, 0.2670, 0.3512

Square

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



57.3249, 0.3846, 0.3376



57.3249, 0.3399, 0.3987



57.3249, 0.2457, 0.3134



57.3249, 0.2826, 0.2677

Rectangle

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



57.3249, 0.3846, 0.3376



57.3249, 0.3804, 0.3853



57.3249, 0.2457, 0.3134



57.3249, 0.2480, 0.2712

Sweetspot

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



57.3276, 0.3846, 0.3376



84.6491, 0.3302, 0.3315



57.9424, 0.3217, 0.2548



17.6897, 0.3329, 0.3319



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.



57.3276, 0.3846, 0.3376



50.6406, 0.4069, 0.3395



75.9034, 0.3716, 0.3781



18.2715, 0.3292, 0.3314



11.5620, 0.6326, 0.3359



1.2164, 0.6183, 0.3473

Inverse Universe

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



82.6317, 0.2656, 0.3201



79.7380, 0.2569, 0.3180



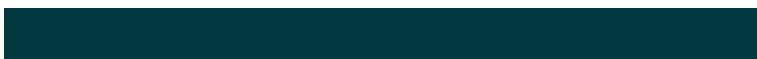
60.8183, 0.2599, 0.2743



20.1611, 0.2980, 0.3266



33.5153, 0.2161, 0.2981



3.3474, 0.2172, 0.3019

Previews

White Background



This preview shows how the Yxy color 57.3249, 0.3846, 0.3376 looks on a white background.

Color Contrast Check

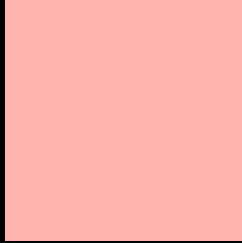
Large Text (above 18pt) WCAG AA × Fail

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 57.3249, 0.3846, 0.3376 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 57.3249, 0.3846, 0.3376

Background



This preview shows how black text looks on a background with the Yxy color 57.3249, 0.3846, 0.3376.



This preview shows how white text looks on a background with the Yxy color 57.3249, 0.3846, 0.3376.

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

57.3249, 0.3846, 0.3376

Protanopia

57.4896, 0.3318, 0.3493

Deuteranopia

57.2976, 0.3605, 0.3530



Tritanopia

57.3060, 0.3683, 0.3156

Trichromacy



Original Color

57.3249, 0.3846, 0.3376

Protanomaly

56.8012, 0.3497, 0.3440

Deuteranomaly

57.1221, 0.3686, 0.3469

Tritanomaly

57.4053, 0.3742, 0.3239

Monochromacy



Original Color

57.3249, 0.3846, 0.3376

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

57.7173, 0.3371, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.3249, 0.3846, 0.3376 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, 181, 173)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 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(255, 181, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 173) }
```

Border

The CSS property to change the border of an element to Yxy 57.3249, 0.3846, 0.3376 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, 181, 173) }
```

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

```
.border{ border-color:rgb(255, 181, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 181, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 181, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 181, 173);  
box-shadow:4px 4px 4px 4px rgb(255, 181,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 57.3249, 0.3846, 0.3376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 181, 173) }
```

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

```
.background{ background-color: rgb(255,  
181, 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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