

Converting Colors

$Yxy(60.6827, 0.3839, 0.3487)$

Have a look what the booklet for
Yxy(60.6827, 0.3839, 0.3487)
contains.

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Color

Yxy(60.5955, 0.3836, 0.3481)

Conversions

Conversions Part 1

Format	Color
Hex	FFBDAB
RGB	255, 189, 171
RGB Percent	100%, 74%, 67%
CMY	0.0002, 0.2587, 0.3294
CMYK	0.00, 0.26, 0.33, 0.00
HSL	13°, 100%, 84%
HSV	13°, 33%, 100%
XYZ	66.7752, 60.5955, 46.7043
YIQ	206.6820, 45.1140, 8.3940

Conversions

Conversions Part 2

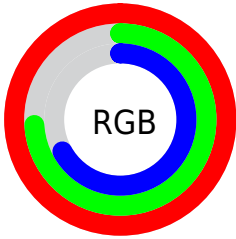
Format	Color
R _Y B	255, 194, 171
Decimal	16760235
CIE Lab	82.16, 21.38, 18.41
CIE LCh	82, 28.217, 40.727
Yxy	60.5955, 0.3836, 0.3481
Android (android.graphics.Color)	4294950315 (0xFFFFBDAB)
YUV	206.6820, -17.5912, 42.3749
Hunter-Lab	77.8431, 16.8949, 18.9174

Details

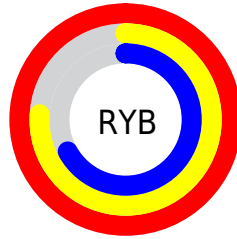
The Yxy color **60.5955, 0.3836, 0.3481** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.4000, 0.2632, 0.3088**, and the grayscale version is **62.2756, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.0558, 0.3309, 0.3477**, and **30.5302, 0.4023, 0.3507** is the 20% darker color. If you saturate the color by 10%, you get **51.6895, 0.4147, 0.3540**, and if you desaturate by 10%, it is **70.8837, 0.3573, 0.3420**.

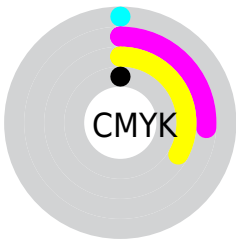
Distribution



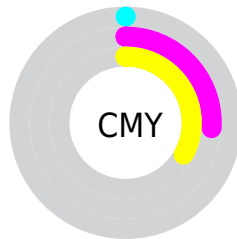
- Red (100%)
- Green (74%)
- Blue (67%)



- Red (100%)
- Yellow (76%)
- Blue (67%)



- Cyan (0%)
- Magenta (26%)
- Yellow (33%)
- Black (0%)





- Cyan (0%)
- Magenta (26%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.5955, 0.3836, 0.3481 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 60.5955, 0.3836, 0.3481 by changing the saturation by 10% instead.


 60.5955, 0.3836,
0.3481

 60.5955, 0.3836,
0.3481


426.7893, 0.3494,
0.3400

 43.8988, 0.3917,
0.3497


 105.6930, 0.3715,
0.3454

 30.5910, 0.4020,
0.3516


134.8627, 0.3668,
0.3444

 20.2876, 0.4152,
0.3538


168.9587, 0.3628,
0.3434

 12.6043, 0.4328,
0.3562

208.3656, 0.3594,
0.3426

 7.1566, 0.4574,
0.3586

253.4677, 0.3564,
0.3418

 3.5602, 0.4936,
0.3600

304.6494, 0.3538,

 1.4307, 0.5789,

0.3411

0.3743

362.2952, 0.3515,
0.3405

0.2392, 0.7580,
0.2420

0.0000, 0.0000,
0.0000

60.5955, 0.3836,
0.3481

60.5955, 0.3836,
0.3481

51.6895, 0.4147,
0.3540

70.8837, 0.3573,
0.3420

44.0979, 0.4507,
0.3590

82.6012, 0.3355,
0.3361

37.7599, 0.4906,
0.3625

95.8031, 0.3174,
0.3306

32.6065, 0.5320,
0.3632

99.9909, 0.3127,
0.3290

■ 28.5615, 0.5707,
0.3603

■ 25.5392, 0.6018,
0.3537

■ 23.9593, 0.6178,
0.3477

Harmonies

Analogous

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



60.5955, 0.3661, 0.3184



60.5955, 0.3836, 0.3481



60.5955, 0.3806, 0.3751

Triad

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



60.5955, 0.3836, 0.3481



60.5955, 0.2896, 0.3703



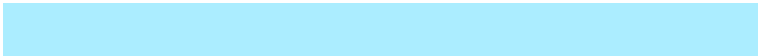
60.5955, 0.2664, 0.2701

Complementary

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



60.5955, 0.3836, 0.3481



76.4000, 0.2632, 0.3088

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.



60.5955, 0.2485, 0.2796



60.5955, 0.3836, 0.3481



60.5955, 0.2612, 0.3368

Square

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



60.5955, 0.3836, 0.3481



60.5955, 0.3252, 0.3910



60.5955, 0.2467, 0.3032



60.5955, 0.2970, 0.2750

Rectangle

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



60.5955, 0.3836, 0.3481



60.5955, 0.3677, 0.3879



60.5955, 0.2467, 0.3032



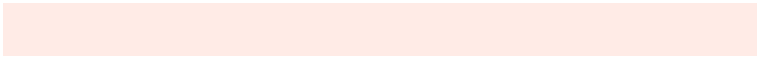
60.5955, 0.2588, 0.2716

Sweetspot

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



60.5984, 0.3836, 0.3481



86.3478, 0.3298, 0.3345



56.5596, 0.3299, 0.2619



18.0973, 0.3325, 0.3353



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.



60.5984, 0.3836, 0.3481



54.1820, 0.4051, 0.3523



80.6551, 0.3701, 0.3887



18.6191, 0.3289, 0.3342



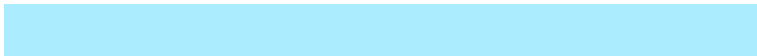
12.6994, 0.6153, 0.3497



1.3874, 0.5943, 0.3663

Inverse Universe

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



76.4000, 0.2632, 0.3088



72.3253, 0.2535, 0.3038



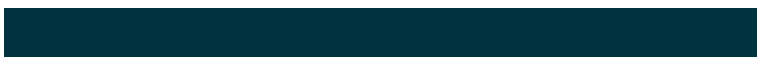
55.4388, 0.2571, 0.2610



19.7804, 0.2980, 0.3238



25.6436, 0.2051, 0.2582



2.6537, 0.2076, 0.2672

Previews

White Background



This preview shows how the Yxy color 60.5955, 0.3836, 0.3481 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 60.5955, 0.3836, 0.3481 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 60.5955, 0.3836, 0.3481

Background



This preview shows how black text looks on a background with the Yxy color 60.5955, 0.3836, 0.3481.



This preview shows how white text looks on a background with the Yxy color 60.5955, 0.3836, 0.3481.

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

60.5955, 0.3836, 0.3481

Protanopia

60.7365, 0.3389, 0.3582

Deuteranopia

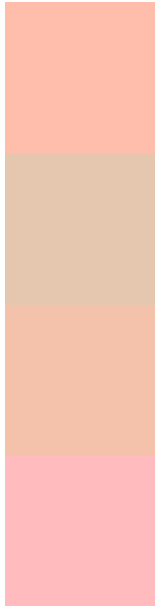
60.8393, 0.3667, 0.3590



Tritanopia

60.5013, 0.3605, 0.3156

Trichromacy



Original Color

60.5955, 0.3836, 0.3481

Protanomaly

60.6395, 0.3546, 0.3550

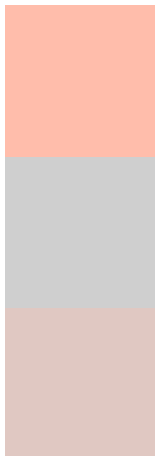
Deuteranomaly

60.7189, 0.3735, 0.3552

Tritanomaly

60.4748, 0.3688, 0.3271

Monochromacy



Original Color

60.5955, 0.3836, 0.3481

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

61.0509, 0.3363, 0.3358

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.5955, 0.3836, 0.3481 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, 189, 171)` looks like.

```
.text, #text, p{  
    color:rgb(255, 189, 171)  
}
```

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, 189, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 171) }
```

Border

The CSS property to change the border of an element to Yxy 60.5955, 0.3836, 0.3481 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, 189, 171) }
```

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

```
.border{ border-color:rgb(255, 189, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 189, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 189, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 189, 171); box-shadow:4px 4px 4px 4px rgb(255, 189, 171) }
```


Background

The CSS property to change the background color of an element to Yxy 60.5955, 0.3836, 0.3481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 189, 171) }
```

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

```
.background{ background-color: rgb(255,  
189, 171) }
```

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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