

Converting Colors

$Yxy(86.4913, 0.4550, 0.3364)$

Have a look what the booklet for
Yxy(86.4913, 0.4550, 0.3364)
contains.

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Color

Yxy(60.9505, 0.3760, 0.3386)

Conversions

Conversions Part 1

Format	Color
Hex	FFBDB4
RGB	255, 189, 180
RGB Percent	100%, 74%, 71%
CMY	0.0000, 0.2588, 0.2941
CMYK	0.00, 0.26, 0.29, 0.00
HSL	7°, 100%, 85%
HSV	7°, 29%, 100%
XYZ	67.6828, 60.9505, 51.3741
YIQ	207.7080, 42.2250, 11.1930

Conversions

Conversions Part 2

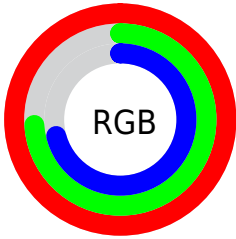
Format	Color
R _Y B	255, 190, 180
Decimal	16760244
CIE Lab	82.35, 22.56, 13.87
CIE LCh	82, 26.486, 31.583
Yxy	60.9505, 0.3760, 0.3386
Android (android.graphics.Color)	4294950324 (0xFFFFBDB4)
YUV	207.7080, -13.6600, 41.4751
Hunter-Lab	78.0708, 18.1251, 15.6341

Details

The Yxy color **60.9505, 0.3760, 0.3386** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.8345, 0.2690, 0.3191**, and the grayscale version is **62.9439, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.2277, 0.3246, 0.3388**, and **30.7306, 0.3930, 0.3400** is the 20% darker color. If you saturate the color by 10%, you get **51.0842, 0.4074, 0.3420**, and if you desaturate by 10%, it is **72.4969, 0.3501, 0.3352**.

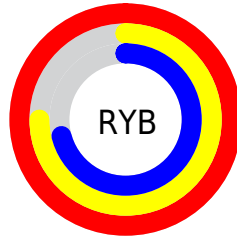
Distribution



Red (100%)

Green (74%)

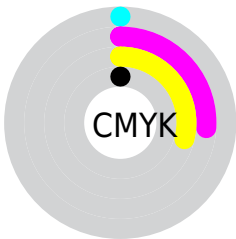
Blue (71%)



Red (100%)

Yellow (75%)

Blue (71%)

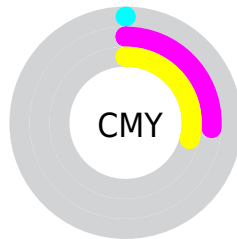


Cyan (0%)

Magenta (26%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (26%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.9505, 0.3760, 0.3386 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 60.9505, 0.3760, 0.3386 by changing the saturation by 10% instead.


 60.9505, 0.3760,
0.3386

 60.9505, 0.3760,
0.3386


428.0925, 0.3455,
0.3348

 44.1852, 0.3833,
0.3393


 106.2073, 0.3652,
0.3374

 30.8161, 0.3924,
0.3401


135.4675, 0.3610,
0.3369

 20.4589, 0.4042,
0.3409


169.6616, 0.3575,
0.3365

 12.7291, 0.4201,
0.3416

209.1738, 0.3544,
0.3360

 7.2422, 0.4424,
0.3419

254.3886, 0.3518,
0.3357

 3.6141, 0.4758,
0.3410

305.6904, 0.3494,

 1.4601, 0.5383,

0.3353

0.3406

363.4636, 0.3473,
0.3350

0.2604, 0.7540,
0.2460

0.0000, 0.0000,
0.0000

60.9505, 0.3760,
0.3386

60.9505, 0.3760,
0.3386

51.0842, 0.4074,
0.3420

72.4969, 0.3501,
0.3352

42.8261, 0.4446,
0.3450

85.8041, 0.3290,
0.3319

36.0884, 0.4869,
0.3471

100.0000, 0.3127,
0.3290

30.7780, 0.5319,
0.3476

■ 26.7913, 0.5748,
0.3460

■ 24.0104, 0.6093,
0.3420

■ 22.2916, 0.6309,
0.3367

■ 22.2191, 0.6318,
0.3365

Harmonies

Analogous

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



60.9505, 0.3546, 0.3111



60.9505, 0.3760, 0.3386



60.9505, 0.3792, 0.3654

Triad

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



60.9505, 0.3760, 0.3386



60.9505, 0.3009, 0.3751



60.9505, 0.2626, 0.2749

Complementary

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



60.9505, 0.3760, 0.3386



82.8345, 0.2690, 0.3191

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.



60.9505, 0.2502, 0.2882



60.9505, 0.3760, 0.3386



60.9505, 0.2714, 0.3465

Square

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



60.9505, 0.3760, 0.3386



60.9505, 0.3347, 0.3892



60.9505, 0.2533, 0.3140



60.9505, 0.2883, 0.2754

Rectangle

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



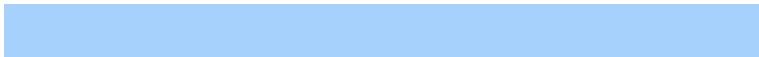
60.9505, 0.3760, 0.3386



60.9505, 0.3707, 0.3795



60.9505, 0.2533, 0.3140



60.9505, 0.2568, 0.2778

Sweetspot

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



60.9481, 0.3760, 0.3386



86.3934, 0.3282, 0.3318



60.5698, 0.3228, 0.2634



18.0510, 0.3310, 0.3322



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.



60.9481, 0.3760, 0.3386



55.2350, 0.3928, 0.3405



79.0829, 0.3651, 0.3762



18.3380, 0.3291, 0.3319



11.7195, 0.6301, 0.3379



1.2477, 0.6136, 0.3510

Inverse Universe

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



82.8345, 0.2690, 0.3191



80.1767, 0.2616, 0.3170



62.3997, 0.2643, 0.2767



20.0874, 0.2980, 0.3261



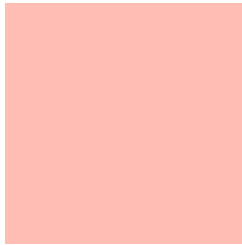
31.8896, 0.2141, 0.2906



3.2054, 0.2154, 0.2954

Previews

White Background



This preview shows how the Yxy color 60.9505, 0.3760, 0.3386 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 60.9505, 0.3760, 0.3386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

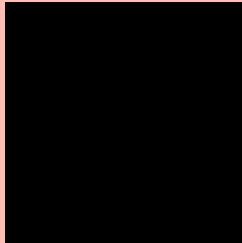
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.9505, 0.3760, 0.3386

Background



This preview shows how black text looks on a background with the Yxy color 60.9505, 0.3760, 0.3386.

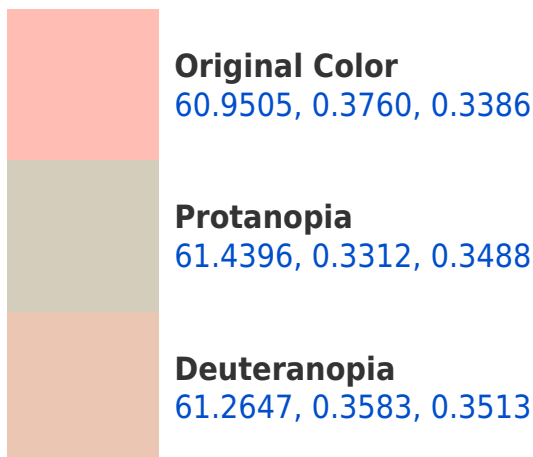


This preview shows how white text looks on a background with the Yxy color 60.9505, 0.3760, 0.3386.

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

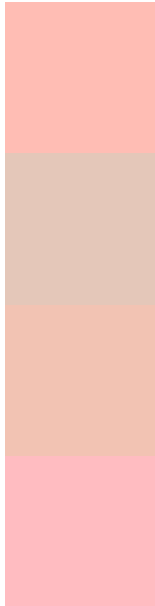




Tritanopia

60.9708, 0.3595, 0.3157

Trichromacy



Original Color

60.9505, 0.3760, 0.3386

Protanomaly

60.8436, 0.3467, 0.3448

Deuteranomaly

61.1621, 0.3641, 0.3465

Tritanomaly

61.0767, 0.3652, 0.3239

Monochromacy



Original Color

60.9505, 0.3760, 0.3386

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

61.8581, 0.3339, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.9505, 0.3760, 0.3386 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, 180)` looks like.

```
.text, #text, p{  
    color:rgb(255, 189, 180)  
}
```

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, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 180) }
```

Border

The CSS property to change the border of an element to Yxy 60.9505, 0.3760, 0.3386 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, 180) }
```

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

```
.border{ border-color:rgb(255, 189, 180) }
```

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, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 189, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 189, 180);  
box-shadow:4px 4px 4px 4px rgb(255, 189,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 60.9505, 0.3760, 0.3386 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, 180) }
```

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

```
.background{ background-color: rgb(255,  
189, 180) }
```

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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