

Converting Colors

$Yxy(60.6538, 0.3787, 0.3408)$

Have a look what the booklet for
Yxy(60.6538, 0.3787, 0.3408)
contains.

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Color

Yxy(60.4008, 0.3788, 0.3407)

Conversions

Conversions Part 1

Format	Color
Hex	FFBCB1
RGB	255, 188, 177
RGB Percent	100%, 74%, 69%
CMY	0.0001, 0.2627, 0.3058
CMYK	0.00, 0.26, 0.31, 0.00
HSL	8°, 100%, 85%
HSV	8°, 31%, 100%
XYZ	67.1553, 60.4008, 49.7283
YIQ	206.7790, 43.4630, 10.7830

Conversions

Conversions Part 2

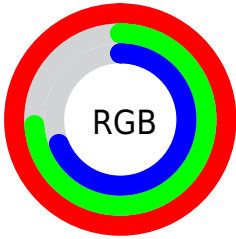
Format	Color
R _Y B	255, 190, 177
Decimal	16759985
CIE Lab	82.06, 22.68, 15.04
CIE LCh	82, 27.213, 33.553
Yxy	60.4008, 0.3788, 0.3407
Android (android.graphics.Color)	4294950065 (0xFFFFBCB1)
YUV	206.7790, -14.6810, 42.2898
Hunter-Lab	77.7180, 18.2337, 16.4655

Details

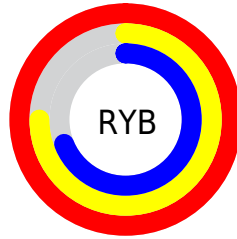
The Yxy color **60.4008, 0.3788, 0.3407** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.2668, 0.2672, 0.3169**, and the grayscale version is **62.3247, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.8446, 0.3267, 0.3398**, and **30.3757, 0.3970, 0.3427** is the 20% darker color. If you saturate the color by 10%, you get **50.8196, 0.4104, 0.3446**, and if you desaturate by 10%, it is **71.5980, 0.3526, 0.3367**.

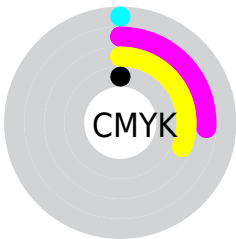
Distribution



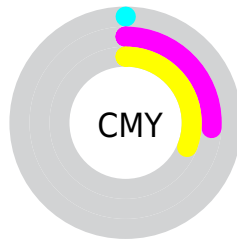
- Red (100%)
- Green (74%)
- Blue (69%)



- Red (100%)
- Yellow (75%)
- Blue (69%)



- Cyan (0%)
- Magenta (26%)
- Yellow (31%)
- Black (0%)





- Cyan (0%)
- Magenta (26%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.4008, 0.3788, 0.3407 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 60.4008, 0.3788, 0.3407 by changing the saturation by 10% instead.


 60.4008, 0.3788,
0.3407

 60.4008, 0.3788,
0.3407


426.0735, 0.3469,
0.3359

 43.7418, 0.3864,
0.3416


 105.4109, 0.3675,
0.3392

 30.4676, 0.3960,
0.3426


134.5307, 0.3631,
0.3386

 20.1937, 0.4084,
0.3437


168.5729, 0.3594,
0.3380

 12.5360, 0.4250,
0.3447

207.9219, 0.3562,
0.3375

 7.1098, 0.4484,
0.3454

252.9620, 0.3534,
0.3371

 3.5309, 0.4833,
0.3448

304.0778, 0.3510,

 1.4148, 0.5535,

0.3366

0.3477

361.6535, 0.3488,
0.3363

0.2276, 0.7719,
0.2281

0.0000, 0.0000,
0.0000

60.4008, 0.3788,
0.3407

60.4008, 0.3788,
0.3407

50.8196, 0.4104,
0.3446

71.5980, 0.3526,
0.3367

42.7716, 0.4476,
0.3481

84.4723, 0.3311,
0.3328

36.1792, 0.4897,
0.3504

99.0919, 0.3136,
0.3292

30.9547, 0.5339,
0.3509

99.9960, 0.3127,
0.3290

■ 27.0010, 0.5758,
0.3489

■ 24.2075, 0.6091,
0.3442

■ 22.5136, 0.6294,
0.3385

Harmonies

Analogous

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



60.4008, 0.3578, 0.3123



60.4008, 0.3788, 0.3407



60.4008, 0.3808, 0.3680

Triad

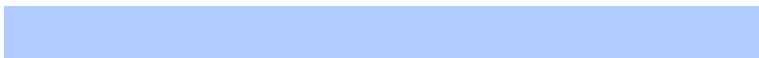
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



60.4008, 0.3788, 0.3407



60.4008, 0.2983, 0.3750



60.4008, 0.2625, 0.2729

Complementary

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



60.4008, 0.3788, 0.3407



81.2668, 0.2672, 0.3169

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.



60.4008, 0.2487, 0.2856



60.4008, 0.3788, 0.3407



60.4008, 0.2685, 0.3448

Square

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



60.4008, 0.3788, 0.3407



60.4008, 0.3331, 0.3907



60.4008, 0.2508, 0.3114



60.4008, 0.2897, 0.2744

Rectangle

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



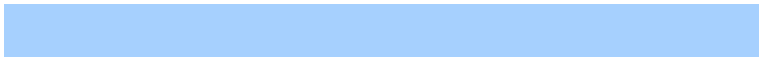
60.4008, 0.3788, 0.3407



60.4008, 0.3712, 0.3822



60.4008, 0.2508, 0.3114



60.4008, 0.2562, 0.2755

Sweetspot

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



60.4036, 0.3788, 0.3407



86.6685, 0.3281, 0.3322



59.2788, 0.3243, 0.2620



18.1182, 0.3309, 0.3328



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.



60.4036, 0.3788, 0.3407



54.0721, 0.3985, 0.3433



79.0403, 0.3670, 0.3794



18.3998, 0.3291, 0.3324



11.8904, 0.6274, 0.3400



1.2766, 0.6094, 0.3543

Inverse Universe

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



81.2668, 0.2672, 0.3169



78.0890, 0.2587, 0.3140



60.5243, 0.2621, 0.2728



20.0192, 0.2980, 0.3256



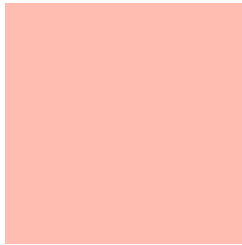
30.4306, 0.2121, 0.2836



3.0775, 0.2137, 0.2893

Previews

White Background



This preview shows how the Yxy color 60.4008, 0.3788, 0.3407 looks on a white background.

Color Contrast Check

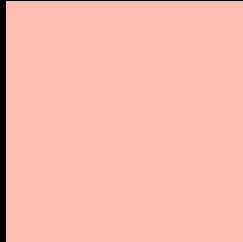
Large Text (above 18pt) WCAG AA × Fail

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 60.4008, 0.3788, 0.3407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

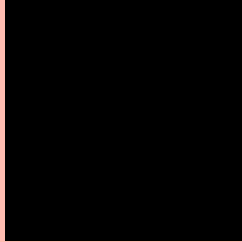
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.4008, 0.3788, 0.3407

Background



This preview shows how black text looks on a background with the Yxy color 60.4008, 0.3788, 0.3407.



This preview shows how white text looks on a background with the Yxy color 60.4008, 0.3788, 0.3407.

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

60.4008, 0.3788, 0.3407

Protanopia

60.8346, 0.3336, 0.3512

Deuteranopia

60.6898, 0.3610, 0.3535



Tritanopia

60.5013, 0.3605, 0.3156

Trichromacy



Original Color

60.4008, 0.3788, 0.3407

Protanomaly

60.2595, 0.3493, 0.3472

Deuteranomaly

60.5954, 0.3669, 0.3487

Tritanomaly

60.5622, 0.3671, 0.3250

Monochromacy



Original Color

60.4008, 0.3788, 0.3407

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

61.1414, 0.3348, 0.3336

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.4008, 0.3788, 0.3407 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, 188, 177)` looks like.

```
.text, #text, p{  
    color:rgb(255, 188, 177)  
}
```

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, 188, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 188, 177) }
```

Border

The CSS property to change the border of an element to Yxy 60.4008, 0.3788, 0.3407 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, 188, 177) }
```

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

```
.border{ border-color:rgb(255, 188, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 188, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 188, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 188, 177); box-shadow:4px 4px 4px 4px rgb(255, 188, 177) }
```


Background

The CSS property to change the background color of an element to Yxy 60.4008, 0.3788, 0.3407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 188, 177) }
```

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

```
.background{ background-color: rgb(255,  
188, 177) }
```

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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