

Converting Colors

$Y_{xy}(64.2960, 0.3729, 0.3453)$

Have a look what the booklet for
Yxy(64.2960, 0.3729, 0.3453)
contains.

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Color

Yxy(64.0761, 0.3730, 0.3448)

Conversions

Conversions Part 1

Format	Color
Hex	FFC4B5
RGB	255, 196, 181
RGB Percent	100%, 77%, 71%
CMY	0.0001, 0.2313, 0.2901
CMYK	0.00, 0.23, 0.29, 0.00
HSL	12°, 100%, 85%
HSV	12°, 29%, 100%
XYZ	69.3167, 64.0761, 52.4428
YIQ	211.9310, 39.9790, 7.8430

Conversions

Conversions Part 2

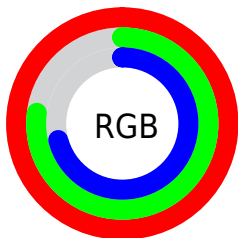
Format	Color
R _Y B	255, 200, 181
Decimal	16762037
CIE Lab	84.01, 19.00, 15.65
CIE LCh	84, 24.617, 39.475
Yxy	64.0761, 0.3730, 0.3448
Android (android.graphics.Color)	4294952117 (0xFFFFC4B5)
YUV	211.9310, -15.2490, 37.7715
Hunter-Lab	80.0475, 14.4877, 17.1897

Details

The Yxy color **64.0761, 0.3730, 0.3448** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.3601, 0.2688, 0.3125**, and the grayscale version is **65.8754, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6250, 0.3234, 0.3445**, and **32.7748, 0.3885, 0.3480** is the 20% darker color. If you saturate the color by 10%, you get **54.5669, 0.4024, 0.3505**, and if you desaturate by 10%, it is **75.0256, 0.3484, 0.3391**.

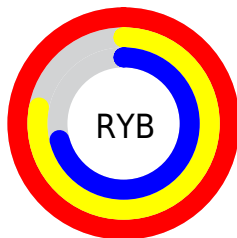
Distribution



Red (100%)

Green (77%)

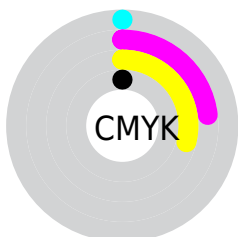
Blue (71%)



Red (100%)

Yellow (78%)

Blue (71%)

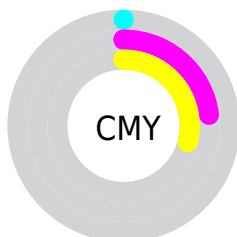


Cyan (0%)

Magenta (23%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (23%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.0761, 0.3730, 0.3448 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 64.0761, 0.3730, 0.3448 by changing the saturation by 10% instead.


 64.0761, 0.3730,
0.3448

 64.0761, 0.3730,
0.3448


439.4644, 0.3442,
0.3380

 46.7123, 0.3798,
0.3462


 110.7205, 0.3628,
0.3426

 32.8083, 0.3883,
0.3478


140.7700, 0.3589,
0.3417

 21.9796, 0.3992,
0.3497


175.8167, 0.3556,
0.3409

 13.8419, 0.4138,
0.3519


216.2452, 0.3527,
0.3402

 8.0108, 0.4340,
0.3544

262.4398, 0.3502,
0.3396

 4.1019, 0.4639,
0.3567

314.7850, 0.3479,

 1.7307, 0.5163,

0.3390

0.3601

373.6650, 0.3459,
0.3385

0.4434, 0.6665,
0.3335

0.0000, 0.0000,
0.0000

64.0761, 0.3730,
0.3448

64.0761, 0.3730,
0.3448

54.5669, 0.4024,
0.3505

75.0256, 0.3484,
0.3391

46.4289, 0.4369,
0.3556

87.4629, 0.3280,
0.3336

39.6007, 0.4760,
0.3595

99.9961, 0.3127,
0.3290

34.0126, 0.5177,
0.3612

■ 29.5881, 0.5584,
0.3598

■ 26.2420, 0.5933,
0.3547

■ 23.8724, 0.6179,
0.3467

■ 23.6835, 0.6200,
0.3459

Harmonies

Analogous

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



64.0761, 0.3574, 0.3191



64.0761, 0.3730, 0.3448



64.0761, 0.3713, 0.3681

Triad

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



64.0761, 0.3730, 0.3448



64.0761, 0.2942, 0.3651



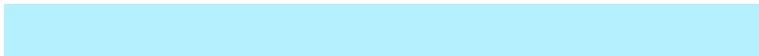
64.0761, 0.2720, 0.2782

Complementary

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



64.0761, 0.3730, 0.3448



79.3601, 0.2688, 0.3125

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.



64.0761, 0.2570, 0.2873



64.0761, 0.3730, 0.3448



64.0761, 0.2693, 0.3371

Square

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



64.0761, 0.3730, 0.3448



64.0761, 0.3250, 0.3820



64.0761, 0.2560, 0.3083



64.0761, 0.2982, 0.2819

Rectangle

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



64.0761, 0.3730, 0.3448



64.0761, 0.3609, 0.3791



64.0761, 0.2560, 0.3083



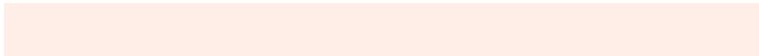
64.0761, 0.2655, 0.2798

Sweetspot

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



64.0791, 0.3730, 0.3448



87.4846, 0.3280, 0.3336



60.6162, 0.3274, 0.2700



18.3176, 0.3307, 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.



64.0791, 0.3730, 0.3448



58.2180, 0.3900, 0.3482



82.7540, 0.3625, 0.3814



18.5832, 0.3289, 0.3339



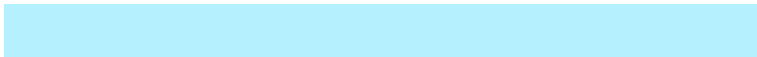
12.5442, 0.6175, 0.3479



1.3674, 0.5969, 0.3642

Inverse Universe

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



79.3601, 0.2688, 0.3125



75.8170, 0.2604, 0.3086



59.8569, 0.2643, 0.2703



19.8192, 0.2980, 0.3241



26.3879, 0.2062, 0.2624



2.7201, 0.2086, 0.2709

Previews

White Background



This preview shows how the Yxy color 64.0761, 0.3730, 0.3448 looks on a white background.

Color Contrast Check

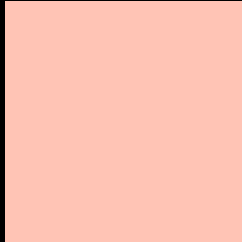
Large Text (above 18pt) WCAG AA × Fail

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 64.0761, 0.3730, 0.3448 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

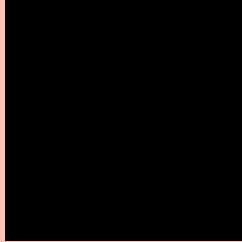
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.0761, 0.3730, 0.3448

Background



This preview shows how black text looks on a background with the Yxy color 64.0761, 0.3730, 0.3448.



This preview shows how white text looks on a background with the Yxy color 64.0761, 0.3730, 0.3448.

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

64.0761, 0.3730, 0.3448

Protanopia

64.2918, 0.3354, 0.3530

Deuteranopia

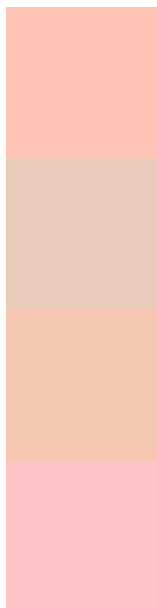
64.2371, 0.3606, 0.3530



Tritanopia

63.9049, 0.3524, 0.3147

Trichromacy



Original Color

64.0761, 0.3730, 0.3448

Protanomaly

63.8443, 0.3490, 0.3501

Deuteranomaly

64.1967, 0.3653, 0.3505

Tritanomaly

63.9208, 0.3596, 0.3250

Monochromacy



Original Color

64.0761, 0.3730, 0.3448

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

64.8536, 0.3333, 0.3346

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.0761, 0.3730, 0.3448 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, 196, 181)` looks like.

```
.text, #text, p{  
    color:rgb(255, 196, 181)  
}
```

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, 196, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 196, 181) }
```

Border

The CSS property to change the border of an element to Yxy 64.0761, 0.3730, 0.3448 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, 196, 181) }
```

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

```
.border{ border-color:rgb(255, 196, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 196, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 196, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 196, 181);  
box-shadow:4px 4px 4px 4px rgb(255, 196,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 64.0761, 0.3730, 0.3448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 196, 181) }
```

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

```
.background{ background-color: rgb(255,  
196, 181) }
```

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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