

Converting Colors

$Yxy(66.0977, 0.3711, 0.3261)$

Have a look what the booklet for
Yxy(66.0977, 0.3711, 0.3261)
contains.

Yxy(63.8748, 0.3604, 0.3260)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(63.8748, 0.3604, 0.3260)

Conversions

Conversions Part 1

Format	Color
Hex	FFC2C5
RGB	255, 194, 197
RGB Percent	100%, 76%, 77%
CMY	0.0000, 0.2392, 0.2274
CMYK	0.00, 0.24, 0.23, 0.00
HSL	357°, 100%, 88%
HSV	357°, 24%, 100%
XYZ	70.6150, 63.8748, 61.4452
YIQ	212.5810, 35.3930, 13.8650

Conversions

Conversions Part 2

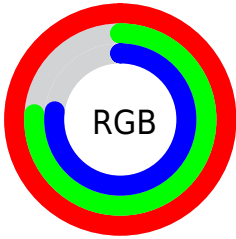
Format	Color
R _Y B	255, 194, 197
Decimal	16761541
CIE Lab	83.90, 22.25, 6.97
CIE LCh	84, 23.312, 17.391
Yxy	63.8748, 0.3604, 0.3260
Android (android.graphics.Color)	4294951621 (0xFFFFC2C5)
YUV	212.5810, -7.6814, 37.2015
Hunter-Lab	79.9217, 17.8510, 10.3620

Details

The Yxy color **63.8748, 0.3604, 0.3260** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90.0158, 0.2788, 0.3321**, and the grayscale version is **66.2804, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4101, 0.3135, 0.3261**, and **32.6097, 0.3726, 0.3252** is the 20% darker color. If you saturate the color by 10%, you get **52.4590, 0.3891, 0.3247**, and if you desaturate by 10%, it is **77.4183, 0.3373, 0.3273**.

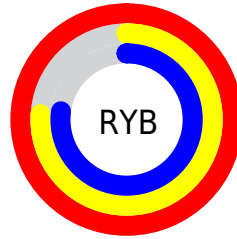
Distribution



Red (100%)

Green (76%)

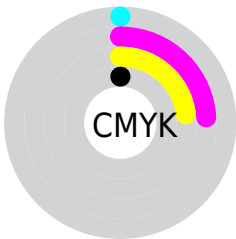
Blue (77%)



Red (100%)

Yellow (76%)

Blue (77%)

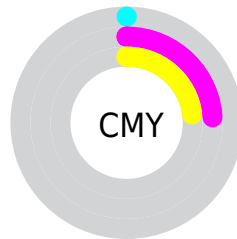


Cyan (0%)

Magenta (24%)

Yellow (23%)

Black (0%)



Cyan (0%)


Magenta (24%)


Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.8748, 0.3604, 0.3260 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 63.8748, 0.3604, 0.3260 by changing the saturation by 10% instead.


 63.8748, 0.3604,
0.3260

 63.8748, 0.3604,
0.3260


438.7374, 0.3376,
0.3278

 46.5493, 0.3658,
0.3255


 110.4306, 0.3524,
0.3267

 32.6795, 0.3725,
0.3248

140.4297, 0.3493,
0.3269

 21.8810, 0.3812,
0.3239


175.4221, 0.3466,
0.3271

 13.7695, 0.3928,
0.3225

215.7921, 0.3444,
0.3273

 7.9605, 0.4090,
0.3203

261.9243, 0.3424,
0.3275

 4.0697, 0.4333,
0.3165

314.2030, 0.3406,


 1.7126, 0.4735,


0.3276

0.3089

373.0125, 0.3390,
0.3277


 0.4318, 0.6894,
0.3106

 0.0000, 0.0000,
0.0000


 63.8748, 0.3604,
0.3260

 63.8748, 0.3604,
0.3260

 52.4590, 0.3891,
0.3247


 77.4183, 0.3373,
0.3273

 43.0605, 0.4241,
0.3235

 93.1872, 0.3189,
0.3285

 35.5626, 0.4656,
0.3227

100.0000, 0.3127,
0.3290

 29.8359, 0.5119,
0.3224

■ 25.7348, 0.5587,
0.3230

■ 23.0903, 0.5994,
0.3245

■ 21.6968, 0.6271,
0.3269

■ 21.2882, 0.6365,
0.3280

Harmonies

Analogous

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



63.8748, 0.3364, 0.3033



63.8748, 0.3604, 0.3260



63.8748, 0.3711, 0.3504

Triad

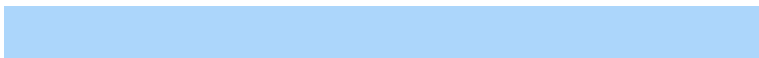
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



63.8748, 0.3604, 0.3260



63.8748, 0.3166, 0.3763



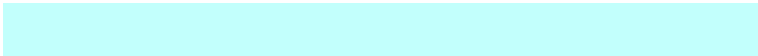
63.8748, 0.2623, 0.2860

Complementary

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



63.8748, 0.3604, 0.3260



90.0158, 0.2788, 0.3321

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.



63.8748, 0.2577, 0.3033



63.8748, 0.3604, 0.3260



63.8748, 0.2882, 0.3568

Square

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



63.8748, 0.3604, 0.3260



63.8748, 0.3449, 0.3811



63.8748, 0.2669, 0.3293



63.8748, 0.2798, 0.2805

Rectangle

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



63.8748, 0.3604, 0.3260



63.8748, 0.3689, 0.3649



63.8748, 0.2669, 0.3293



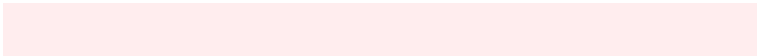
63.8748, 0.2592, 0.2905

Sweetspot

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



63.8756, 0.3604, 0.3260



88.0904, 0.3241, 0.3282



66.4893, 0.3132, 0.2688



18.6465, 0.3252, 0.3281



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

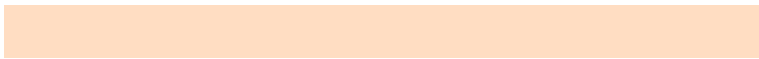
The Same Dimension uses a secret algorithm to generate beautiful new colors.



63.8756, 0.3604, 0.3260



57.8190, 0.3742, 0.3253



77.1056, 0.3564, 0.3571



18.0017, 0.3287, 0.3279



11.1296, 0.6351, 0.3272



1.0886, 0.6234, 0.3208

Inverse Universe

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



63.8756, 0.3604, 0.3260



57.8190, 0.3742, 0.3253



73.9286, 0.2748, 0.2991



18.0017, 0.3287, 0.3279



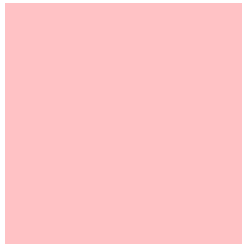
11.1296, 0.6351, 0.3272



1.0886, 0.6234, 0.3208

Previews

White Background



This preview shows how the Yxy color 63.8748, 0.3604, 0.3260 looks on a white background.

Color Contrast Check

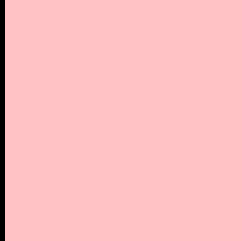
Large Text (above 18pt) WCAG AA × Fail

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 63.8748, 0.3604, 0.3260 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 63.8748, 0.3604, 0.3260

Background



This preview shows how black text looks on a background with the Yxy color 63.8748, 0.3604, 0.3260.



This preview shows how white text looks on a background with the Yxy color 63.8748, 0.3604, 0.3260.

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

63.8748, 0.3604, 0.3260

Protanopia

64.3048, 0.3193, 0.3336

Deuteranopia

63.8434, 0.3441, 0.3367



Tritanopia

63.9049, 0.3524, 0.3147

Trichromacy



Original Color

63.8748, 0.3604, 0.3260

Protanomaly

64.1080, 0.3336, 0.3313

Deuteranomaly

63.7096, 0.3495, 0.3323

Tritanomaly

63.7117, 0.3557, 0.3188

Monochromacy



Original Color

63.8748, 0.3604, 0.3260

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

65.1416, 0.3289, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.8748, 0.3604, 0.3260 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, 194, 197)` looks like.

```
.text, #text, p{  
    color:rgb(255, 194, 197)  
}
```

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, 194, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 197) }
```

Border

The CSS property to change the border of an element to Yxy 63.8748, 0.3604, 0.3260 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, 194, 197) }
```

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

```
.border{ border-color:rgb(255, 194, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 194, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 194, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 194, 197); box-shadow:4px 4px 4px 4px rgb(255, 194, 197) }
```


Background

The CSS property to change the background color of an element to Yxy 63.8748, 0.3604, 0.3260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 194, 197) }
```

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

```
.background{ background-color: rgb(255,  
194, 197) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor