

Converting Colors

$Yxy(63.7932, 0.3691, 0.3383)$

Have a look what the booklet for
Yxy(63.7932, 0.3691, 0.3383)
contains.

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Color

Yxy(63.8354, 0.3692, 0.3385)

Conversions

Conversions Part 1

Format	Color
Hex	FFC3BA
RGB	255, 195, 186
RGB Percent	100%, 76%, 73%
CMY	0.0000, 0.2353, 0.2705
CMYK	0.00, 0.24, 0.27, 0.00
HSL	8°, 100%, 86%
HSV	8°, 27%, 100%
XYZ	69.6249, 63.8354, 55.1229
YIQ	211.9140, 38.6490, 9.9210

Conversions

Conversions Part 2

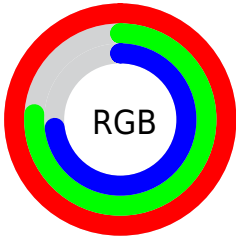
Format	Color
R _Y B	255, 196, 186
Decimal	16761786
CIE Lab	83.88, 20.21, 12.81
CIE LCh	84, 23.925, 32.365
Yxy	63.8354, 0.3692, 0.3385
Android (android.graphics.Color)	4294951866 (0xFFFFC3BA)
YUV	211.9140, -12.7756, 37.7864
Hunter-Lab	79.8971, 15.7309, 15.0224

Details

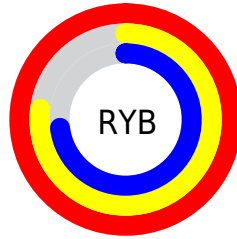
The Yxy color **63.8354, 0.3692, 0.3385** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **83.5955, 0.2722, 0.3192**, and the grayscale version is **65.8456, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2916, 0.3205, 0.3386**, and **32.6135, 0.3834, 0.3399** is the 20% darker color. If you saturate the color by 10%, you get **53.6317, 0.3990, 0.3422**, and if you desaturate by 10%, it is **75.7094, 0.3446, 0.3348**.

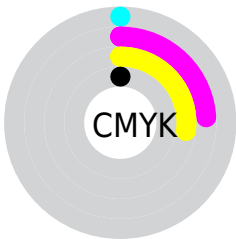
Distribution



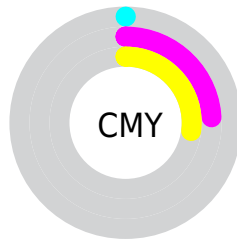
- Red (100%)
- Green (76%)
- Blue (73%)



- Red (100%)
- Yellow (77%)
- Blue (73%)



- Cyan (0%)
- Magenta (24%)
- Yellow (27%)
- Black (0%)





- Cyan (0%)
- Magenta (24%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.8354, 0.3692, 0.3385 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 63.8354, 0.3692, 0.3385 by changing the saturation by 10% instead.

 63.8354, 0.3692,
0.3385

 63.8354, 0.3692,
0.3385


438.5950, 0.3422,
0.3346

 46.5174, 0.3756,
0.3393


 110.3739, 0.3596,
0.3373

 32.6543, 0.3836,
0.3401


140.3631, 0.3560,
0.3367

 21.8617, 0.3939,
0.3411


175.3448, 0.3529,
0.3363

 13.7553, 0.4076,
0.3421

215.7034, 0.3501,
0.3359

 7.9507, 0.4268,
0.3430

261.8234, 0.3478,
0.3355

 4.0634, 0.4554,
0.3433


314.0890, 0.3457,

 1.7091, 0.5029,

0.3352

0.3417


372.8848, 0.3438,
0.3349


 0.4295, 0.6777,
0.3223


 0.0000, 0.0000,
0.0000


 63.8354, 0.3692,
0.3385


 63.8354, 0.3692,
0.3385

 53.6317, 0.3990,
0.3422


 75.7094, 0.3446,
0.3348

 45.0234, 0.4346,
0.3456

 89.3245, 0.3246,
0.3313

 37.9294, 0.4755,
0.3482

100.0000, 0.3127,
0.3290

 32.2615, 0.5199,
0.3493

■ 27.9226, 0.5635,
0.3482

■ 24.8028, 0.6006,
0.3446

■ 22.7740, 0.6254,
0.3389

■ 22.3560, 0.6307,
0.3374

Harmonies

Analogous

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



63.8354, 0.3506, 0.3137



63.8354, 0.3692, 0.3385



63.8354, 0.3717, 0.3623

Triad

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



63.8354, 0.3692, 0.3385



63.8354, 0.3016, 0.3692



63.8354, 0.2684, 0.2805

Complementary

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



63.8354, 0.3692, 0.3385



83.5955, 0.2722, 0.3192

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.



63.8354, 0.2569, 0.2923



63.8354, 0.3692, 0.3385



63.8354, 0.2753, 0.3438

Square

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



63.8354, 0.3692, 0.3385



63.8354, 0.3317, 0.3821



63.8354, 0.2593, 0.3152



63.8354, 0.2918, 0.2812

Rectangle

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



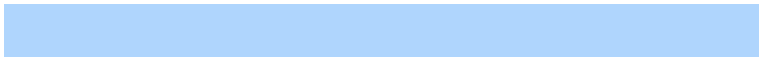
63.8354, 0.3692, 0.3385



63.8354, 0.3640, 0.3746



63.8354, 0.2593, 0.3152



63.8354, 0.2631, 0.2830

Sweetspot

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



63.8353, 0.3692, 0.3385



87.9494, 0.3263, 0.3316



63.1036, 0.3219, 0.2687



18.3675, 0.3291, 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.



63.8353, 0.3692, 0.3385



58.5767, 0.3833, 0.3403



80.6030, 0.3603, 0.3723



18.3675, 0.3291, 0.3322



11.7982, 0.6289, 0.3389



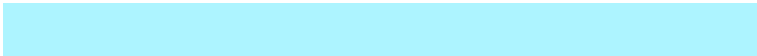
1.2615, 0.6116, 0.3526

Inverse Universe

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



83.5955, 0.2722, 0.3192



81.0877, 0.2654, 0.3172



64.9850, 0.2684, 0.2815



20.0548, 0.2980, 0.3258



31.1866, 0.2131, 0.2873



3.1439, 0.2146, 0.2925

Previews

White Background



This preview shows how the Yxy color 63.8354, 0.3692, 0.3385 looks on a white background.

Color Contrast Check

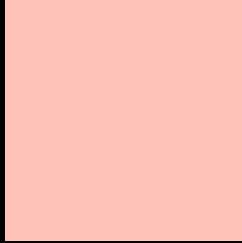
Large Text (above 18pt) WCAG AA × Fail

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 63.8354, 0.3692, 0.3385 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 63.8354, 0.3692, 0.3385

Background



This preview shows how black text looks on a background with the Yxy color 63.8354, 0.3692, 0.3385.



This preview shows how white text looks on a background with the Yxy color 63.8354, 0.3692, 0.3385.

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

63.8354, 0.3692, 0.3385

Protanopia

64.2029, 0.3302, 0.3473

Deuteranopia

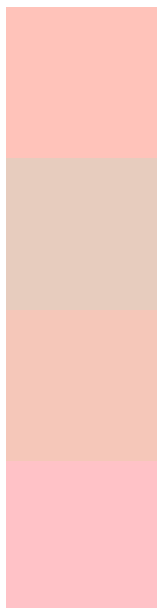
64.0946, 0.3551, 0.3476



Tritanopia

63.9049, 0.3524, 0.3147

Trichromacy



Original Color

63.8354, 0.3692, 0.3385

Protanomaly

63.8924, 0.3443, 0.3446

Deuteranomaly

63.7621, 0.3607, 0.3441

Tritanomaly

63.9671, 0.3588, 0.3240

Monochromacy



Original Color

63.8354, 0.3692, 0.3385

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

64.9484, 0.3318, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.8354, 0.3692, 0.3385 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, 195, 186)` looks like.

```
.text, #text, p{  
    color:rgb(255, 195, 186)  
}
```

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, 195, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 195, 186) }
```

Border

The CSS property to change the border of an element to Yxy 63.8354, 0.3692, 0.3385 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, 195, 186) }
```

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

```
.border{ border-color:rgb(255, 195, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 195, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 195, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 195, 186);  
box-shadow:4px 4px 4px 4px rgb(255, 195,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 63.8354, 0.3692, 0.3385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 195, 186) }
```

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

```
.background{ background-color: rgb(255,  
195, 186) }
```

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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