

Converting Colors

Yxy(64.8116, 0.3785, 0.3443)

Have a look what the booklet for
Yxy(64.8116, 0.3785, 0.3443)
contains.

Yxy(63.5855, 0.3742, 0.3448)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(63.5855, 0.3742, 0.3448)

Conversions

Conversions Part 1

Format	Color
Hex	FFC3B4
RGB	255, 195, 180
RGB Percent	100%, 76%, 71%
CMY	0.0000, 0.2354, 0.2941
CMYK	0.00, 0.24, 0.29, 0.00
HSL	12°, 100%, 85%
HSV	12°, 29%, 100%
XYZ	69.0072, 63.5855, 51.8200
YIQ	211.2300, 40.5750, 8.0550

Conversions

Conversions Part 2

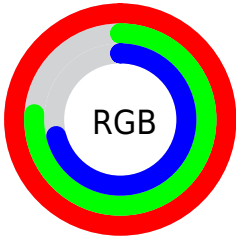
Format	Color
R _Y B	255, 199, 180
Decimal	16761780
CIE Lab	83.75, 19.43, 15.83
CIE LCh	84, 25.066, 39.168
Yxy	63.5855, 0.3742, 0.3448
Android (android.graphics.Color)	4294951860 (0xFFFFC3B4)
YUV	211.2300, -15.3964, 38.3863
Hunter-Lab	79.7405, 14.9275, 17.2883

Details

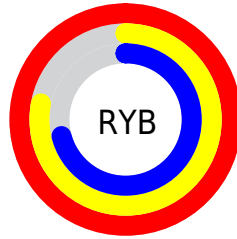
The Yxy color **63.5855, 0.3742, 0.3448** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.2584, 0.2683, 0.3125**, and the grayscale version is **65.3785, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9369, 0.3241, 0.3445**, and **32.4524, 0.3901, 0.3480** is the 20% darker color. If you saturate the color by 10%, you get **54.1059, 0.4039, 0.3504**, and if you desaturate by 10%, it is **74.4934, 0.3493, 0.3392**.

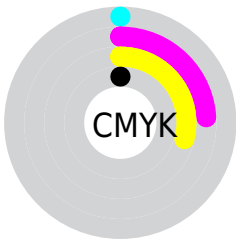
Distribution



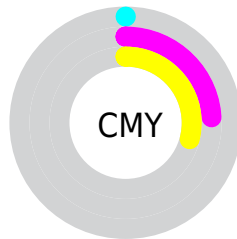
- Red (100%)
- Green (76%)
- Blue (71%)



- Red (100%)
- Yellow (78%)
- Blue (71%)



- Cyan (0%)
- Magenta (24%)
- Yellow (29%)
- Black (0%)





- Cyan (0%)
- Magenta (24%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.5855, 0.3742, 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 63.5855, 0.3742, 0.3448 by changing the saturation by 10% instead.

 63.5855, 0.3742,
0.3448

 63.5855, 0.3742,
0.3448


437.6913, 0.3448,
0.3381

 46.3150, 0.3812,
0.3462


 110.0138, 0.3638,
0.3426

 32.4945, 0.3899,
0.3478


139.9404, 0.3598,
0.3417

 21.7395, 0.4011,
0.3497


174.8545, 0.3564,
0.3409

 13.6656, 0.4160,
0.3518

215.1405, 0.3534,
0.3402

 7.8885, 0.4367,
0.3542

261.1827, 0.3509,
0.3396

 4.0237, 0.4674,
0.3562

313.3657, 0.3486,

 1.6868, 0.5225,

0.3390

0.3600

372.0738, 0.3466,
0.3385

0.4151, 0.6768,
0.3232

0.0000, 0.0000,
0.0000

63.5855, 0.3742,
0.3448

63.5855, 0.3742,
0.3448

54.1059, 0.4039,
0.3504

74.4934, 0.3493,
0.3392

46.0127, 0.4386,
0.3554

86.9058, 0.3288,
0.3338

39.2342, 0.4780,
0.3592

100.0000, 0.3127,
0.3290

33.6999, 0.5198,
0.3608

■ 29.3321, 0.5606,
0.3591

■ 26.0441, 0.5951,
0.3539

■ 23.7312, 0.6193,
0.3459

■ 23.6212, 0.6205,
0.3455

Harmonies

Analogous

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



63.5855, 0.3582, 0.3186



63.5855, 0.3742, 0.3448



63.5855, 0.3726, 0.3687

Triad

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



63.5855, 0.3742, 0.3448



63.5855, 0.2941, 0.3661



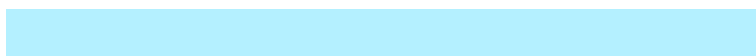
63.5855, 0.2709, 0.2772

Complementary

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



63.5855, 0.3742, 0.3448



79.2584, 0.2683, 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.



63.5855, 0.2558, 0.2866



63.5855, 0.3742, 0.3448



63.5855, 0.2686, 0.3376

Square

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



63.5855, 0.3742, 0.3448



63.5855, 0.3255, 0.3833



63.5855, 0.2549, 0.3081



63.5855, 0.2975, 0.2809

Rectangle

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



63.5855, 0.3742, 0.3448



63.5855, 0.3621, 0.3800



63.5855, 0.2549, 0.3081



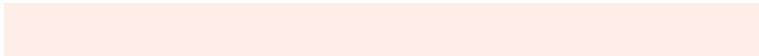
63.5855, 0.2644, 0.2789

Sweetspot

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



63.5792, 0.3742, 0.3448



87.4453, 0.3280, 0.3336



60.2719, 0.3267, 0.2680



18.3080, 0.3307, 0.3343



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.



63.5792, 0.3742, 0.3448



58.1083, 0.3901, 0.3480



81.8490, 0.3636, 0.3810



18.5743, 0.3289, 0.3338



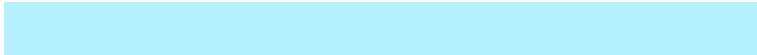
12.5075, 0.6181, 0.3475



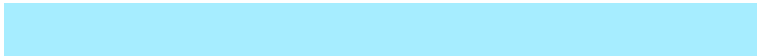
1.3627, 0.5976, 0.3637

Inverse Universe

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



79.2584, 0.2683, 0.3125



75.9703, 0.2605, 0.3089



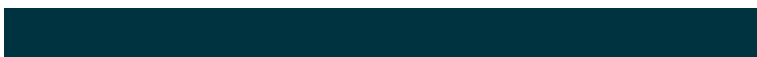
59.9941, 0.2637, 0.2708



19.8288, 0.2980, 0.3241



26.5733, 0.2065, 0.2634



2.7366, 0.2088, 0.2718

Previews

White Background



This preview shows how the Yxy color 63.5855, 0.3742, 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 63.5855, 0.3742, 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 63.5855, 0.3742, 0.3448

Background



This preview shows how black text looks on a background with the Yxy color 63.5855, 0.3742, 0.3448.



This preview shows how white text looks on a background with the Yxy color 63.5855, 0.3742, 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

63.5855, 0.3742, 0.3448

Protanopia

63.6050, 0.3355, 0.3531

Deuteranopia

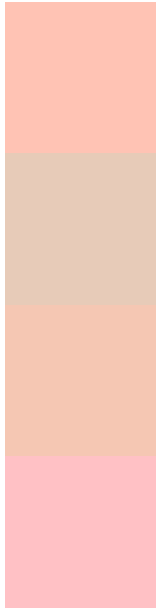
63.5532, 0.3609, 0.3531



Tritanopia

63.4155, 0.3535, 0.3147

Trichromacy



Original Color

63.5855, 0.3742, 0.3448

Protanomaly

63.1615, 0.3491, 0.3502

Deuteranomaly

63.5140, 0.3655, 0.3506

Tritanomaly

63.4311, 0.3606, 0.3250

Monochromacy



Original Color

63.5855, 0.3742, 0.3448

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

64.1637, 0.3334, 0.3346

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.5855, 0.3742, 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, 195, 180)` looks like.

```
.text, #text, p{  
    color:rgb(255, 195, 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, 195, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 195, 180) }
```

Border

The CSS property to change the border of an element to Yxy 63.5855, 0.3742, 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, 195, 180) }
```

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

```
.border{ border-color:rgb(255, 195, 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, 195, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 195, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 195, 180);  
box-shadow:4px 4px 4px 4px rgb(255, 195,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 63.5855, 0.3742, 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, 195, 180) }
```

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

```
.background{ background-color: rgb(255,  
195, 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](#).

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