

Converting Colors

Yxy(64.3992, 0.3834, 0.3609)

Have a look what the booklet for
Yxy(64.3992, 0.3834, 0.3609)
contains.

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Color

Yxy(64.4753, 0.3830, 0.3605)

Conversions

Conversions Part 1

Format	Color
Hex	FFC6A8
RGB	255, 198, 168
RGB Percent	100%, 78%, 66%
CMY	0.0000, 0.2235, 0.3412
CMYK	0.00, 0.22, 0.34, 0.00
HSL	21°, 100%, 83%
HSV	21°, 34%, 100%
XYZ	68.4994, 64.4753, 45.8749
YIQ	211.6230, 43.6020, 2.7540

Conversions

Conversions Part 2

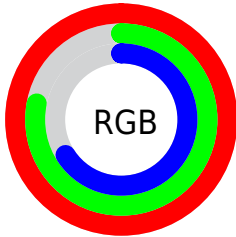
Format	Color
R _Y B	255, 214, 168
Decimal	16762536
CIE Lab	84.21, 16.33, 22.85
CIE LCh	84, 28.084, 54.439
Yxy	64.4753, 0.3830, 0.3605
Android (android.graphics.Color)	4294952616 (0xFFFFC6A8)
YUV	211.6230, -21.5061, 38.0416
Hunter-Lab	80.2965, 11.7560, 22.3340

Details

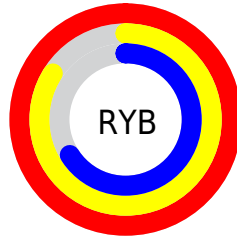
The Yxy color **64.4753, 0.3830, 0.3605** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **69.3799, 0.2598, 0.2949**, and the grayscale version is **65.6998, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1077, 0.3315, 0.3601**, and **33.0778, 0.4007, 0.3666** is the 20% darker color. If you saturate the color by 10%, you get **56.4001, 0.4114, 0.3698**, and if you desaturate by 10%, it is **73.5848, 0.3583, 0.3509**.

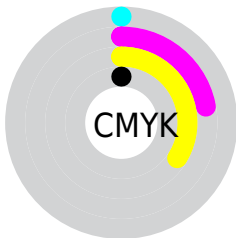
Distribution



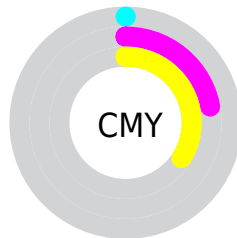
- Red (100%)
- Green (78%)
- Blue (66%)



- Red (100%)
- Yellow (84%)
- Blue (66%)



- Cyan (0%)
- Magenta (22%)
- Yellow (34%)
- Black (0%)




- Cyan (0%)
- Magenta (22%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.4753, 0.3830, 0.3605 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 64.4753, 0.3830, 0.3605 by changing the saturation by 10% instead.


 64.4753, 0.3830,
0.3605


 64.4753, 0.3830,
0.3605

440.9040, 0.3495,
0.3466

 47.0357, 0.3908,
0.3635


 111.2952, 0.3712,
0.3558

 33.0639, 0.4006,
0.3670


 141.4443, 0.3667,
0.3540

 22.1754, 0.4130,
0.3712


176.5987, 0.3628,
0.3524

 13.9858, 0.4294,
0.3762

217.1428, 0.3594,
0.3509

 8.1108, 0.4518,
0.3822

263.4610, 0.3565,
0.3497

 4.1659, 0.4839,
0.3886

315.9376, 0.3539,

 1.7668, 0.5597,

0.3485

0.4131

374.9572, 0.3516,
0.3475

0.4664, 0.6435,
0.3565

0.0000, 0.0000,
0.0000

64.4753, 0.3830,
0.3605

64.4753, 0.3830,
0.3605

56.4001, 0.4114,
0.3698

73.5848, 0.3583,
0.3509

49.3120, 0.4434,
0.3780

83.7556, 0.3372,
0.3415

43.1732, 0.4779,
0.3841

95.0247, 0.3193,
0.3325

37.9399, 0.5133,
0.3866

99.9988, 0.3127,
0.3290

■ 33.5641, 0.5465,
0.3845

■ 29.9919, 0.5745,
0.3773

■ 28.2354, 0.5881,
0.3713

Harmonies

Analogous

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



64.4753, 0.3748, 0.3319



64.4753, 0.3830, 0.3605



64.4753, 0.3711, 0.3832

Triad

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



64.4753, 0.3830, 0.3605



64.4753, 0.2762, 0.3551



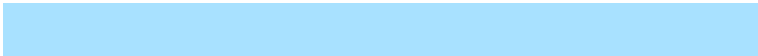
64.4753, 0.2800, 0.2720

Complementary

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



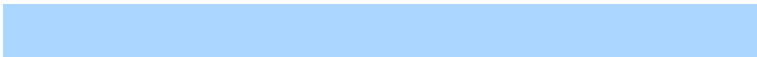
64.4753, 0.3830, 0.3605



69.3799, 0.2598, 0.2949

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.



64.4753, 0.2562, 0.2747



64.4753, 0.3830, 0.3605



64.4753, 0.2541, 0.3210

Square

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



64.4753, 0.3830, 0.3605



64.4753, 0.3087, 0.3823



64.4753, 0.2471, 0.2918



64.4753, 0.3136, 0.2827

Rectangle

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



64.4753, 0.3830, 0.3605



64.4753, 0.3540, 0.3912



64.4753, 0.2471, 0.2918



64.4753, 0.2706, 0.2713

Sweetspot

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



64.4783, 0.3830, 0.3605



88.2681, 0.3295, 0.3377



54.7511, 0.3404, 0.2702



18.5593, 0.3320, 0.3390



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.



64.4783, 0.3830, 0.3605



58.8155, 0.4021, 0.3670



86.6966, 0.3688, 0.4016



19.0118, 0.3286, 0.3373



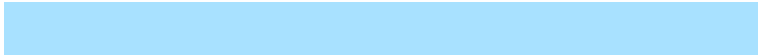
15.0039, 0.5851, 0.3736



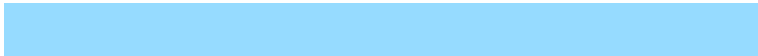
1.6553, 0.5633, 0.3909

Inverse Universe

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



69.3799, 0.2598, 0.2949



64.3713, 0.2496, 0.2868



49.2007, 0.2531, 0.2440



19.3642, 0.2980, 0.3206



18.5061, 0.1921, 0.2117



2.0058, 0.1963, 0.2266

Previews

White Background



This preview shows how the Yxy color 64.4753, 0.3830, 0.3605 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 64.4753, 0.3830, 0.3605 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 64.4753, 0.3830, 0.3605

Background



This preview shows how black text looks on a background with the Yxy color 64.4753, 0.3830, 0.3605.



This preview shows how white text looks on a background with the Yxy color 64.4753, 0.3830, 0.3605.

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

64.4753, 0.3830, 0.3605

Protanopia

64.6788, 0.3479, 0.3700

Deuteranopia

64.4436, 0.3742, 0.3667



Tritanopia

64.3976, 0.3515, 0.3147

Trichromacy



Original Color

64.4753, 0.3830, 0.3605

Protanomaly

64.6136, 0.3601, 0.3667

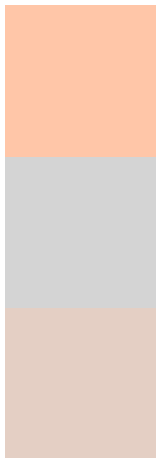
Deuteranomaly

64.7030, 0.3778, 0.3652

Tritanomaly

64.1405, 0.3635, 0.3312

Monochromacy



Original Color

64.4753, 0.3830, 0.3605

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.1051, 0.3369, 0.3413

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.4753, 0.3830, 0.3605 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, 198, 168)` looks like.

```
.text, #text, p{  
    color:rgb(255, 198, 168)  
}
```

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, 198, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 198, 168) }
```

Border

The CSS property to change the border of an element to Yxy 64.4753, 0.3830, 0.3605 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, 198, 168) }
```

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

```
.border{ border-color:rgb(255, 198, 168) }
```

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

Here you see how a box with a 4 pixel rgb(255, 198, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 198, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 198, 168);  
box-shadow:4px 4px 4px 4px rgb(255, 198,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 64.4753, 0.3830, 0.3605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 198, 168) }
```

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

```
.background{ background-color: rgb(255,  
198, 168) }
```

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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