

Converting Colors

$Yxy(85.5959, 0.4152, 0.3356)$

Have a look what the booklet for
Yxy(85.5959, 0.4152, 0.3356)
contains.

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Color

Yxy(68.4769, 0.3581, 0.3364)

Conversions

Conversions Part 1

Format	Color
Hex	FFCCC5
RGB	255, 204, 197
RGB Percent	100%, 80%, 77%
CMY	0.0002, 0.1999, 0.2275
CMYK	0.00, 0.20, 0.23, 0.00
HSL	7°, 100%, 89%
HSV	7°, 23%, 100%
XYZ	72.8941, 68.4769, 62.1870
YIQ	218.4510, 32.6430, 8.6350

Conversions

Conversions Part 2

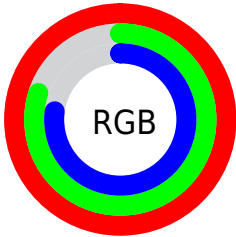
Format	Color
R _Y B	255, 205, 197
Decimal	16764101
CIE Lab	86.24, 16.96, 10.35
CIE LCh	86, 19.870, 31.379
Yxy	68.4769, 0.3581, 0.3364
Android (android.graphics.Color)	4294954181 (0xFFFFCCC5)
YUV	218.4510, -10.5753, 32.0535
Hunter-Lab	82.7508, 12.4245, 13.3693

Details

The Yxy color **68.4769, 0.3581, 0.3364** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **86.1562, 0.2783, 0.3215**, and the grayscale version is **70.4947, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.9358, 0.3133, 0.3300**, and **35.6662, 0.3691, 0.3385** is the 20% darker color. If you saturate the color by 10%, you get **57.5153, 0.3857, 0.3399**, and if you desaturate by 10%, it is **81.1731, 0.3355, 0.3330**.

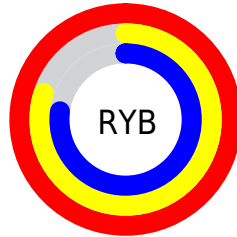
Distribution



Red (100%)

Green (80%)

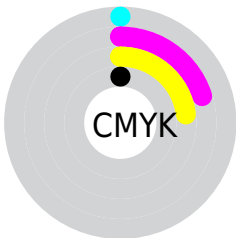
Blue (77%)



Red (100%)

Yellow (80%)

Blue (77%)

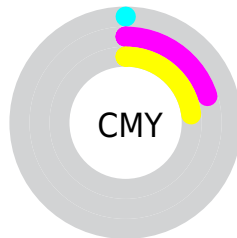


Cyan (0%)

Magenta (20%)

Yellow (23%)

Black (0%)



Cyan (0%)


Magenta (20%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.4769, 0.3581, 0.3364 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 68.4769, 0.3581, 0.3364 by changing the saturation by 10% instead.

 68.4769, 0.3581,
0.3364

 68.4769, 0.3581,
0.3364


455.1838, 0.3367,
0.3333

 50.2858, 0.3631,
0.3370


117.0341, 0.3506,
0.3354

 35.6405, 0.3693,
0.3377


148.1690, 0.3477,
0.3350

 24.1567, 0.3773,
0.3385


184.3874, 0.3452,
0.3346

 15.4499, 0.3878,
0.3395

226.0735, 0.3430,
0.3343

 9.1358, 0.4024,
0.3405

273.6118, 0.3412,
0.3340

 4.8298, 0.4239,
0.3414

327.3867, 0.3395,

 2.1478, 0.4583,

0.3338

0.3413

387.7826, 0.3380,
0.3335

0.6913, 0.6026,
0.3812

0.0000, 1.0000,
0.0000

68.4769, 0.3581,
0.3364

68.4769, 0.3581,
0.3364

57.5153, 0.3857,
0.3399

81.1731, 0.3355,
0.3330

48.2040, 0.4190,
0.3432

95.6648, 0.3171,
0.3298

40.4655, 0.4580,
0.3460

99.9897, 0.3127,
0.3290

34.2127, 0.5016,
0.3477

■ 29.3499, 0.5465,
0.3476

■ 25.7699, 0.5872,
0.3452

■ 23.3496, 0.6177,
0.3405

■ 22.2297, 0.6317,
0.3366

Harmonies

Analogous

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



68.4769, 0.3428, 0.3160



68.4769, 0.3581, 0.3364



68.4769, 0.3606, 0.3559

Triad

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



68.4769, 0.3581, 0.3364



68.4769, 0.3047, 0.3618



68.4769, 0.2761, 0.2896

Complementary

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



68.4769, 0.3581, 0.3364



86.1562, 0.2783, 0.3215

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.



68.4769, 0.2669, 0.2998



68.4769, 0.3581, 0.3364



68.4769, 0.2829, 0.3418

Square

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



68.4769, 0.3581, 0.3364



68.4769, 0.3292, 0.3719



68.4769, 0.2693, 0.3188



68.4769, 0.2951, 0.2896

Rectangle

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



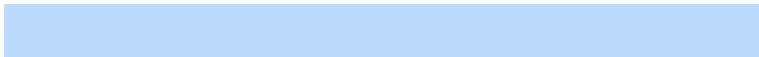
68.4769, 0.3581, 0.3364



68.4769, 0.3548, 0.3658



68.4769, 0.2693, 0.3188



68.4769, 0.2718, 0.2919

Sweetspot

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



68.4800, 0.3581, 0.3364



89.3040, 0.3245, 0.3312



67.9627, 0.3202, 0.2785



18.9264, 0.3256, 0.3313



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.



68.4800, 0.3581, 0.3364



63.6278, 0.3692, 0.3379



83.4030, 0.3518, 0.3651



18.3427, 0.3291, 0.3320



11.7318, 0.6299, 0.3380



1.2499, 0.6133, 0.3513

Inverse Universe

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



86.1562, 0.2783, 0.3215



83.9723, 0.2723, 0.3199



69.8525, 0.2759, 0.2900



20.0821, 0.2980, 0.3260



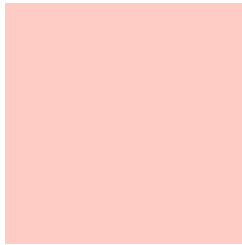
31.7761, 0.2139, 0.2901



3.1955, 0.2153, 0.2949

Previews

White Background



This preview shows how the Yxy color 68.4769, 0.3581, 0.3364 looks on a white background.

Color Contrast Check

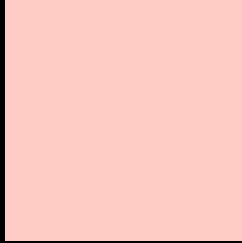
Large Text (above 18pt) WCAG AA × Fail

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 68.4769, 0.3581, 0.3364 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

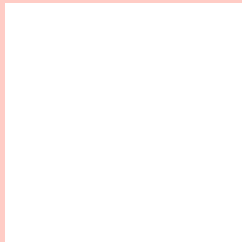
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.4769, 0.3581, 0.3364

Background



This preview shows how black text looks on a background with the Yxy color 68.4769, 0.3581, 0.3364.

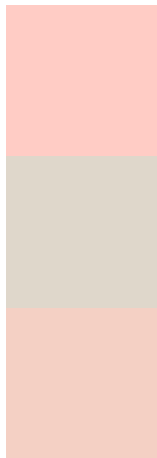


This preview shows how white text looks on a background with the Yxy color 68.4769, 0.3581, 0.3364.

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

68.4769, 0.3581, 0.3364

Protanopia

68.6006, 0.3269, 0.3423

Deuteranopia

68.3304, 0.3493, 0.3418



Tritanopia

68.5108, 0.3430, 0.3138

Trichromacy



Original Color

68.4769, 0.3581, 0.3364

Protanomaly

68.4677, 0.3380, 0.3399

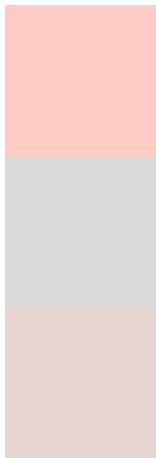
Deuteranomaly

68.5676, 0.3527, 0.3407

Tritanomaly

68.6250, 0.3482, 0.3219

Monochromacy



Original Color

68.4769, 0.3581, 0.3364

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

69.2306, 0.3282, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.4769, 0.3581, 0.3364 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, 204, 197)` looks like.

```
.text, #text, p{  
    color:rgb(255, 204, 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, 204, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 204, 197) }
```

Border

The CSS property to change the border of an element to Yxy 68.4769, 0.3581, 0.3364 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, 204, 197) }
```

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

```
.border{ border-color:rgb(255, 204, 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, 204, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 204, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 204, 197);  
box-shadow:4px 4px 4px 4px rgb(255, 204,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 68.4769, 0.3581, 0.3364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 204, 197) }
```

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

```
.background{ background-color: rgb(255,  
204, 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](#).

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