

Converting Colors

$Yxy(68.0103, 0.3584, 0.3377)$

Have a look what the booklet for
Yxy(68.0103, 0.3584, 0.3377)
contains.

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Color

Yxy(68.1967, 0.3589, 0.3385)

Conversions

Conversions Part 1

Format	Color
Hex	FECCCC
RGB	254, 204, 195
RGB Percent	100%, 80%, 76%
CMY	0.0040, 0.1999, 0.2354
CMYK	0.00, 0.20, 0.23, 0.00
HSL	9°, 97%, 88%
HSV	9°, 23%, 100%
XYZ	72.3066, 68.1967, 60.9640
YIQ	217.9240, 32.6890, 7.8010

Conversions

Conversions Part 2

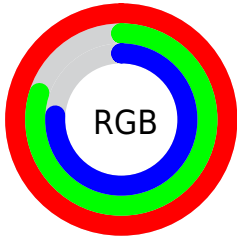
Format	Color
R _Y B	254, 206, 195
Decimal	16698563
CIE Lab	86.10, 16.33, 11.20
CIE LCh	86, 19.805, 34.441
Yxy	68.1967, 0.3589, 0.3385
Android (android.graphics.Color)	4294888643 (0xFFFECCC3)
YUV	217.9240, -11.3015, 31.6387
Hunter-Lab	82.5813, 11.7740, 14.0372

Details

The Yxy color **68.1967, 0.3589, 0.3385** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **84.0132, 0.2775, 0.3193**, and the grayscale version is **70.1180, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8083, 0.3144, 0.3319**, and **35.6061, 0.3712, 0.3411** is the 20% darker color. If you saturate the color by 10%, you get **57.6201, 0.3863, 0.3429**, and if you desaturate by 10%, it is **80.3862, 0.3364, 0.3342**.

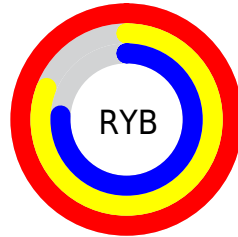
Distribution



Red (100%)

Green (80%)

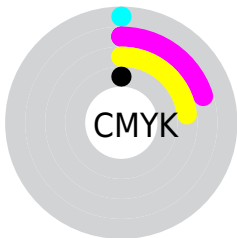
Blue (76%)



Red (100%)

Yellow (81%)

Blue (76%)

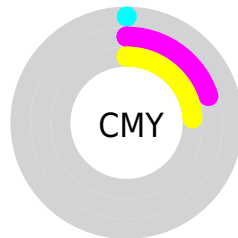


Cyan (0%)

Magenta (20%)

Yellow (23%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.1967, 0.3589, 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 68.1967, 0.3589, 0.3385 by changing the saturation by 10% instead.

 68.1967, 0.3589,
0.3385

 68.1967, 0.3589,
0.3385


454.1926, 0.3371,
0.3345

 50.0578, 0.3640,
0.3393

 116.6335, 0.3512,
0.3372

 35.4593, 0.3703,
0.3403


147.7002, 0.3483,
0.3366

 24.0169, 0.3785,
0.3415


183.8448, 0.3458,
0.3362

 15.3462, 0.3892,
0.3428

225.4520, 0.3436,
0.3357

 9.0627, 0.4041,
0.3444

272.9059, 0.3416,
0.3354

 4.7821, 0.4260,
0.3461

326.5911, 0.3399,

 2.1200, 0.4611,

0.3350

0.3471

386.8918, 0.3384,
0.3347

0.6758, 0.6100,
0.3900

0.0000, 0.0000,
0.0000

68.1967, 0.3589,
0.3385

68.1967, 0.3589,
0.3385

57.6201, 0.3863,
0.3429

80.3862, 0.3364,
0.3342

48.5796, 0.4191,
0.3470

94.2424, 0.3179,
0.3302

41.0062, 0.4573,
0.3506

99.8062, 0.3121,
0.3290

34.8219, 0.4997,
0.3527

■ 29.9414, 0.5435,
0.3527

■ 26.2700, 0.5834,
0.3499

■ 23.6992, 0.6139,
0.3442

■ 22.5137, 0.6277,
0.3398

Harmonies

Analogous

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



68.1967, 0.3448, 0.3180



68.1967, 0.3589, 0.3385



68.1967, 0.3600, 0.3576

Triad

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



68.1967, 0.3589, 0.3385



68.1967, 0.3022, 0.3601



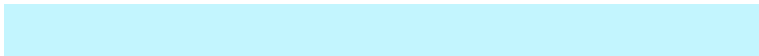
68.1967, 0.2777, 0.2892

Complementary

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



68.1967, 0.3589, 0.3385



84.0132, 0.2775, 0.3193

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.



68.1967, 0.2674, 0.2984



68.1967, 0.3589, 0.3385



68.1967, 0.2812, 0.3395

Square

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



68.1967, 0.3589, 0.3385



68.1967, 0.3267, 0.3714



68.1967, 0.2686, 0.3166



68.1967, 0.2974, 0.2902

Rectangle

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



68.1967, 0.3589, 0.3385



68.1967, 0.3533, 0.3669



68.1967, 0.2686, 0.3166



68.1967, 0.2731, 0.2911

Sweetspot

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



68.1998, 0.3589, 0.3385



89.6370, 0.3244, 0.3317



66.6836, 0.3218, 0.2792



19.0033, 0.3255, 0.3319



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.



68.1998, 0.3589, 0.3385



63.5323, 0.3713, 0.3406



83.4663, 0.3523, 0.3678



18.4366, 0.3291, 0.3327



12.0037, 0.6256, 0.3414



1.2938, 0.6070, 0.3563

Inverse Universe

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



84.0132, 0.2775, 0.3193



82.0931, 0.2707, 0.3170



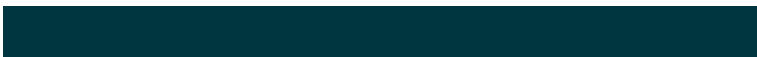
67.6710, 0.2749, 0.2869



19.9788, 0.2980, 0.3253



29.5859, 0.2110, 0.2794



3.0033, 0.2127, 0.2856

Previews

White Background



This preview shows how the Yxy color 68.1967, 0.3589, 0.3385 looks on a white background.

Color Contrast Check

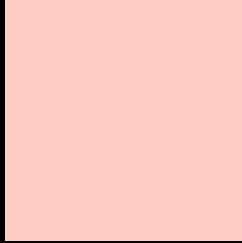
Large Text (above 18pt) WCAG AA × Fail

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 68.1967, 0.3589, 0.3385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

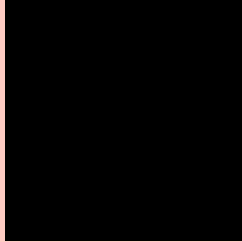
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.1967, 0.3589, 0.3385

Background



This preview shows how black text looks on a background with the Yxy color 68.1967, 0.3589, 0.3385.

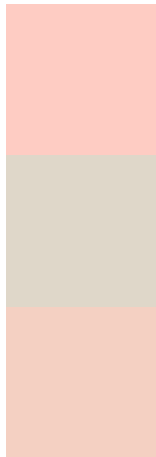


This preview shows how white text looks on a background with the Yxy color 68.1967, 0.3589, 0.3385.

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

68.1967, 0.3589, 0.3385

Protanopia

68.5059, 0.3283, 0.3446

Deuteranopia

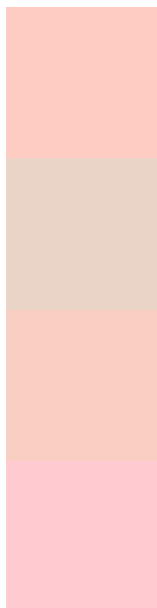
68.2399, 0.3508, 0.3440



Tritanopia

67.9912, 0.3439, 0.3138

Trichromacy



Original Color

68.1967, 0.3589, 0.3385

Protanomaly

68.2045, 0.3387, 0.3421

Deuteranomaly

68.4771, 0.3542, 0.3428

Tritanomaly

68.0551, 0.3500, 0.3230

Monochromacy



Original Color

68.1967, 0.3589, 0.3385

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 68.1967, 0.3589, 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(254, 204, 195)` looks like.

```
.text, #text, p{  
    color:rgb(254, 204, 195)  
}
```

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(254, 204, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 204, 195) }
```

Border

The CSS property to change the border of an element to Yxy 68.1967, 0.3589, 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(254, 204, 195) }
```

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

```
.border{ border-color:rgb(254, 204, 195) }
```

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

Here you see how a box with a 4 pixel rgb(254, 204, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 204, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 204, 195);  
box-shadow:4px 4px 4px 4px rgb(254, 204,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 68.1967, 0.3589, 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(254, 204, 195) }
```

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

```
.background{ background-color: rgb(254,  
204, 195) }
```

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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