

Converting Colors

$Yxy(68.9952, 0.3575, 0.3403)$

Have a look what the booklet for
Yxy(68.9952, 0.3575, 0.3403)
contains.

Yxy(68.9654, 0.3576, 0.3405)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(68.9654, 0.3576, 0.3405)

Conversions

Conversions Part 1

Format	Color
Hex	FDCEC3
RGB	253, 206, 195
RGB Percent	99%, 81%, 76%
CMY	0.0079, 0.1921, 0.2351
CMYK	0.00, 0.19, 0.23, 0.01
HSL	11°, 93%, 88%
HSV	11°, 23%, 99%
XYZ	72.4289, 68.9654, 61.1473
YIQ	218.7990, 31.5430, 6.5430

Conversions

Conversions Part 2

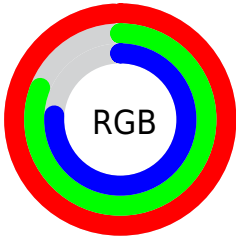
Format	Color
R _Y B	253, 209, 195
Decimal	16633539
CIE Lab	86.49, 14.94, 11.69
CIE LCh	86, 18.975, 38.048
Yxy	68.9654, 0.3576, 0.3405
Android (android.graphics.Color)	4294823619 (0xFFFDCEC3)
YUV	218.7990, -11.7329, 29.9943
Hunter-Lab	83.0454, 10.3510, 14.4759

Details

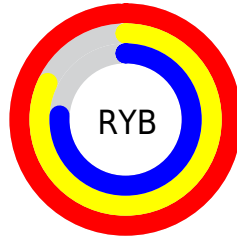
The Yxy color **68.9654, 0.3576, 0.3405** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.2125, 0.2778, 0.3172**, and the grayscale version is **70.7610, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8083, 0.3144, 0.3319**, and **36.1153, 0.3694, 0.3438** is the 20% darker color. If you saturate the color by 10%, you get **58.6794, 0.3842, 0.3459**, and if you desaturate by 10%, it is **80.7402, 0.3355, 0.3353**.

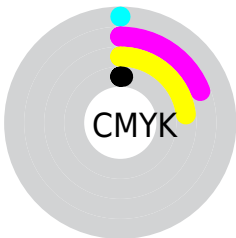
Distribution



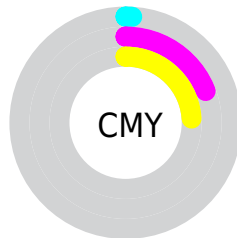
- Red (99%)
- Green (81%)
- Blue (76%)



- Red (99%)
- Yellow (82%)
- Blue (76%)



- Cyan (0%)
- Magenta (19%)
- Yellow (23%)
- Black (1%)



- Cyan (1%)
- Magenta (19%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.9654, 0.3576, 0.3405 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 68.9654, 0.3576, 0.3405 by changing the saturation by 10% instead.


 68.9654, 0.3576,
0.3405

 68.9654, 0.3576,
0.3405


456.9089, 0.3364,
0.3355

 50.6835, 0.3625,
0.3416


117.7322, 0.3502,
0.3388

 35.9568, 0.3687,
0.3428


148.9858, 0.3473,
0.3382

 24.4008, 0.3765,
0.3443


185.3322, 0.3449,
0.3376

 15.6312, 0.3869,
0.3461

227.1558, 0.3427,
0.3371

 9.2636, 0.4012,
0.3484

274.8408, 0.3409,
0.3366

 4.9135, 0.4222,
0.3510

328.7717, 0.3392,

 2.1966, 0.4556,

0.3362

0.3536

389.3330, 0.3378,
0.3358

0.7181, 0.5972,
0.4028

0.0000, 0.0000,
0.0000

68.9654, 0.3576,
0.3405

68.9654, 0.3576,
0.3405

58.6794, 0.3842,
0.3459

80.7402, 0.3355,
0.3353

49.8133, 0.4159,
0.3510

94.0502, 0.3174,
0.3304

42.3072, 0.4528,
0.3555

99.6197, 0.3115,
0.3290

36.0928, 0.4937,
0.3584

■ 31.0961, 0.5361,
0.3588

■ 27.2349, 0.5755,
0.3560

■ 24.4166, 0.6066,
0.3497

■ 22.9844, 0.6222,
0.3442

Harmonies

Analogous

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



68.9654, 0.3455, 0.3208



68.9654, 0.3576, 0.3405



68.9654, 0.3571, 0.3582

Triad

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



68.9654, 0.3576, 0.3405



68.9654, 0.3000, 0.3566



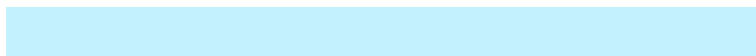
68.9654, 0.2811, 0.2905

Complementary

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



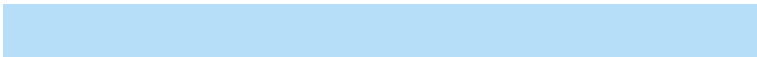
68.9654, 0.3576, 0.3405



82.2125, 0.2778, 0.3172

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.



68.9654, 0.2700, 0.2982



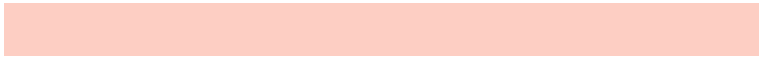
68.9654, 0.3576, 0.3405



68.9654, 0.2806, 0.3364

Square

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



68.9654, 0.3576, 0.3405



68.9654, 0.3233, 0.3687



68.9654, 0.2698, 0.3148



68.9654, 0.3008, 0.2927

Rectangle

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



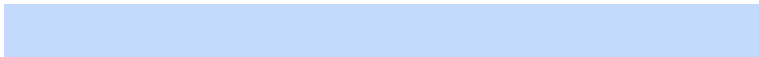
68.9654, 0.3576, 0.3405



68.9654, 0.3498, 0.3664



68.9654, 0.2698, 0.3148



68.9654, 0.2763, 0.2920

Sweetspot

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



68.9686, 0.3576, 0.3405



90.0152, 0.3244, 0.3323



66.3608, 0.3231, 0.2817



19.0906, 0.3255, 0.3326



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

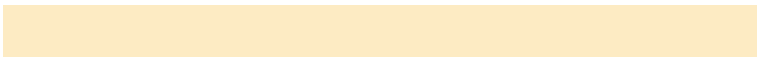
The Same Dimension uses a secret algorithm to generate beautiful new colors.



68.9686, 0.3576, 0.3405



65.7424, 0.3679, 0.3427



84.0299, 0.3512, 0.3691



18.5433, 0.3290, 0.3336



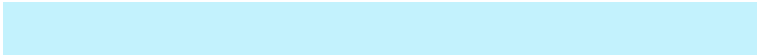
12.3828, 0.6199, 0.3460



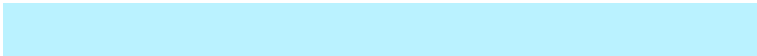
1.3462, 0.5998, 0.3620

Inverse Universe

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



82.2125, 0.2778, 0.3172



81.1629, 0.2718, 0.3148



66.4832, 0.2753, 0.2854



19.8625, 0.2980, 0.3244



27.2316, 0.2075, 0.2671



2.7951, 0.2097, 0.2749

Previews

White Background



This preview shows how the Yxy color 68.9654, 0.3576, 0.3405 looks on a white background.

Color Contrast Check

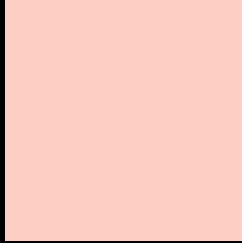
Large Text (above 18pt) WCAG AA × Fail

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 68.9654, 0.3576, 0.3405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

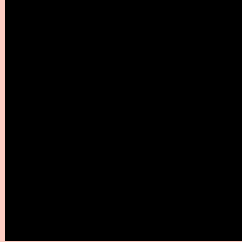
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.9654, 0.3576, 0.3405

Background



This preview shows how black text looks on a background with the Yxy color 68.9654, 0.3576, 0.3405.



This preview shows how white text looks on a background with the Yxy color 68.9654, 0.3576, 0.3405.

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

68.9654, 0.3576, 0.3405

Protanopia

69.1292, 0.3296, 0.3467

Deuteranopia

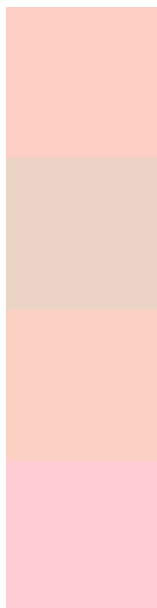
69.0888, 0.3522, 0.3449



Tritanopia

69.0338, 0.3421, 0.3138

Trichromacy



Original Color

68.9654, 0.3576, 0.3405

Protanomaly

68.8264, 0.3401, 0.3442

Deuteranomaly

69.1465, 0.3548, 0.3438

Tritanomaly

68.9097, 0.3473, 0.3229

Monochromacy



Original Color

68.9654, 0.3576, 0.3405

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

69.7352, 0.3281, 0.3334

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.9654, 0.3576, 0.3405 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(253, 206, 195)` looks like.

```
.text, #text, p{  
    color:rgb(253, 206, 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(253, 206, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 206, 195) }
```

Border

The CSS property to change the border of an element to Yxy 68.9654, 0.3576, 0.3405 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(253, 206, 195) }
```

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

```
.border{ border-color:rgb(253, 206, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 206, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 206, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 206, 195);  
box-shadow:4px 4px 4px 4px rgb(253, 206,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 68.9654, 0.3576, 0.3405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 206, 195) }
```

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

```
.background{ background-color: rgb(253,  
206, 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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