

Converting Colors

$Yxy(90.8927, 0.4288, 0.3328)$

Have a look what the booklet for
Yxy(90.8927, 0.4288, 0.3328)
contains.

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Color

Yxy(68.0954, 0.3568, 0.3333)

Conversions

Conversions Part 1

Format	Color
Hex	FFCBC7
RGB	255, 203, 199
RGB Percent	100%, 80%, 78%
CMY	0.0001, 0.2039, 0.2197
CMYK	0.00, 0.20, 0.22, 0.00
HSL	4°, 100%, 89%
HSV	4°, 22%, 100%
XYZ	72.8966, 68.0954, 63.3146
YIQ	218.0920, 32.2760, 9.7800

Conversions

Conversions Part 2

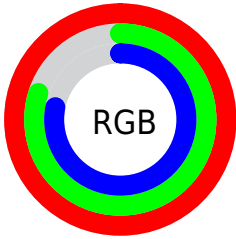
Format	Color
R _Y B	255, 203, 199
Decimal	16763847
CIE Lab	86.05, 17.79, 9.02
CIE LCh	86, 19.946, 26.891
Yxy	68.0954, 0.3568, 0.3333
Android (android.graphics.Color)	4294953927 (0xFFFFCBC7)
YUV	218.0920, -9.4124, 32.3683
Hunter-Lab	82.5199, 13.2738, 12.2728

Details

The Yxy color **68.0954, 0.3568, 0.3333** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.3097, 0.2797, 0.3247**, and the grayscale version is **70.2271, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.4095, 0.3673, 0.3345** is the 20% darker color. If you saturate the color by 10%, you get **56.6773, 0.3847, 0.3354**, and if you desaturate by 10%, it is **81.4229, 0.3341, 0.3313**.

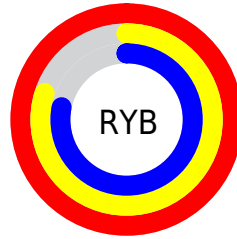
Distribution



Red (100%)

Green (80%)

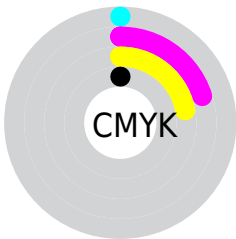
Blue (78%)



Red (100%)

Yellow (80%)

Blue (78%)

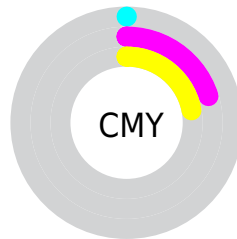


Cyan (0%)

Magenta (20%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (20%)

Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.0954, 0.3568, 0.3333 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 68.0954, 0.3568, 0.3333 by changing the saturation by 10% instead.

 68.0954, 0.3568,
0.3333

 68.0954, 0.3568,
0.3333

453.8339, 0.3360,
0.3316

 49.9754, 0.3617,
0.3336

116.4886, 0.3495,
0.3328

 35.3938, 0.3677,
0.3339


147.5306, 0.3467,
0.3326

 23.9664, 0.3755,
0.3343


183.6486, 0.3443,
0.3324

 15.3087, 0.3858,
0.3346

225.2271, 0.3422,
0.3322

 9.0363, 0.4000,
0.3347

272.6505, 0.3403,
0.3320

 4.7649, 0.4210,
0.3345

326.3032, 0.3387,

 2.1100, 0.4549,

0.3319

386.5695, 0.3373,
0.3318

0.3328

0.6702, 0.5869,
0.3599

0.0000, 1.0000,
0.0000

68.0954, 0.3568,
0.3333

68.0954, 0.3568,
0.3333

56.6773, 0.3847,
0.3354

81.4229, 0.3341,
0.3313

47.0722, 0.4187,
0.3374

96.7316, 0.3159,
0.3294

39.1898, 0.4589,
0.3391

99.9966, 0.3127,
0.3290

32.9279, 0.5040,
0.3401

■ 28.1738, 0.5505,
0.3400

■ 24.8002, 0.5922,
0.3384

■ 22.6588, 0.6224,
0.3355

■ 21.7032, 0.6362,
0.3331

Harmonies

Analogous

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



68.0954, 0.3398, 0.3130



68.0954, 0.3568, 0.3333



68.0954, 0.3614, 0.3534

Triad

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



68.0954, 0.3568, 0.3333



68.0954, 0.3083, 0.3643



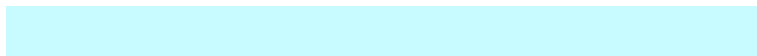
68.0954, 0.2738, 0.2902

Complementary

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



68.0954, 0.3568, 0.3333



88.3097, 0.2797, 0.3247

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.



68.0954, 0.2663, 0.3020



68.0954, 0.3568, 0.3333



68.0954, 0.2856, 0.3453

Square

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



68.0954, 0.3568, 0.3333



68.0954, 0.3328, 0.3726



68.0954, 0.2705, 0.3221



68.0954, 0.2916, 0.2887

Rectangle

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



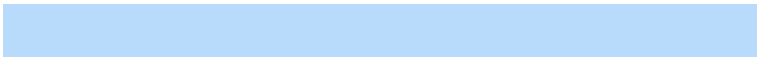
68.0954, 0.3568, 0.3333



68.0954, 0.3568, 0.3641



68.0954, 0.2705, 0.3221



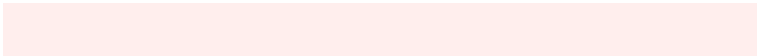
68.0954, 0.2700, 0.2931

Sweetspot

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



68.0985, 0.3568, 0.3333



88.7888, 0.3246, 0.3303



69.0697, 0.3179, 0.2776



18.8076, 0.3257, 0.3304



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

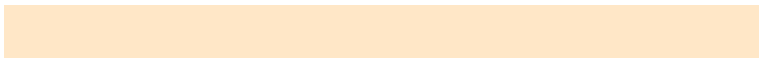
The Same Dimension uses a secret algorithm to generate beautiful new colors.



68.0985, 0.3568, 0.3333



63.2787, 0.3674, 0.3342



82.3680, 0.3509, 0.3611



18.1977, 0.3293, 0.3308



11.4181, 0.6349, 0.3340



1.1816, 0.6236, 0.3430

Inverse Universe

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



88.3097, 0.2797, 0.3247



86.5013, 0.2740, 0.3238



72.2610, 0.2774, 0.2946



20.2434, 0.2980, 0.3272



35.3863, 0.2184, 0.3062



3.5099, 0.2192, 0.3090

Previews

White Background



This preview shows how the Yxy color 68.0954, 0.3568, 0.3333 looks on a white background.

Color Contrast Check

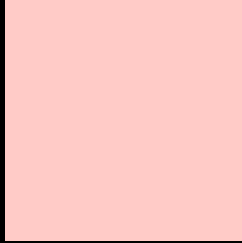
Large Text (above 18pt) WCAG AA × Fail

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 68.0954, 0.3568, 0.3333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

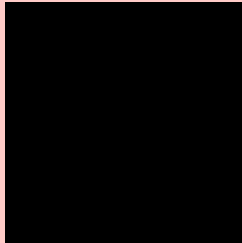
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.0954, 0.3568, 0.3333

Background



This preview shows how black text looks on a background with the Yxy color 68.0954, 0.3568, 0.3333.

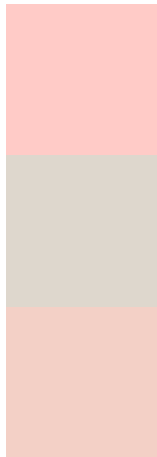


This preview shows how white text looks on a background with the Yxy color 68.0954, 0.3568, 0.3333.

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

68.0954, 0.3568, 0.3333

Protanopia

68.5383, 0.3248, 0.3401

Deuteranopia

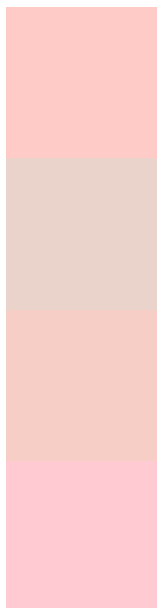
68.2437, 0.3470, 0.3397



Tritanopia

67.9912, 0.3439, 0.3138

Trichromacy



Original Color

68.0954, 0.3568, 0.3333

Protanomaly

68.3928, 0.3358, 0.3377

Deuteranomaly

67.9940, 0.3506, 0.3375

Tritanomaly

68.1542, 0.3484, 0.3209

Monochromacy



Original Color

68.0954, 0.3568, 0.3333

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

69.2806, 0.3275, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.0954, 0.3568, 0.3333 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, 203, 199)` looks like.

```
.text, #text, p{  
    color:rgb(255, 203, 199)  
}
```

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, 203, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 203, 199) }
```

Border

The CSS property to change the border of an element to Yxy 68.0954, 0.3568, 0.3333 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, 203, 199) }
```

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

```
.border{ border-color:rgb(255, 203, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 203, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 203, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 203, 199);  
box-shadow:4px 4px 4px 4px rgb(255, 203,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 68.0954, 0.3568, 0.3333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 203, 199) }
```

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

```
.background{ background-color: rgb(255,  
203, 199) }
```

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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