

Converting Colors

$Yxy(71.0882, 0.3723, 0.3321)$

Have a look what the booklet for
Yxy(71.0882, 0.3723, 0.3321)
contains.

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Color

Yxy(67.6246, 0.3570, 0.3322)

Conversions

Conversions Part 1

Format	Color
Hex	FFCAC7
RGB	255, 202, 199
RGB Percent	100%, 79%, 78%
CMY	0.0000, 0.2078, 0.2195
CMYK	0.00, 0.21, 0.22, 0.00
HSL	3°, 100%, 89%
HSV	3°, 22%, 100%
XYZ	72.6730, 67.6246, 63.2683
YIQ	217.5050, 32.5510, 10.3030

Conversions

Conversions Part 2

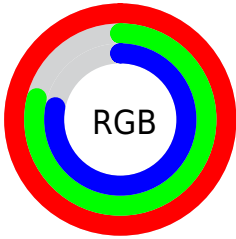
Format	Color
R _Y B	255, 202, 199
Decimal	16763591
CIE Lab	85.82, 18.34, 8.66
CIE LCh	86, 20.277, 25.269
Yxy	67.6246, 0.3570, 0.3322
Android (android.graphics.Color)	4294953671 (0xFFFFCAC7)
YUV	217.5050, -9.1230, 32.8831
Hunter-Lab	82.2342, 13.8365, 11.9481

Details

The Yxy color **67.6246, 0.3570, 0.3322** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.9992, 0.2798, 0.3258**, and the grayscale version is **69.8013, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.0945, 0.3676, 0.3331** is the 20% darker color. If you saturate the color by 10%, you get **56.0820, 0.3852, 0.3338**, and if you desaturate by 10%, it is **81.1416, 0.3342, 0.3307**.

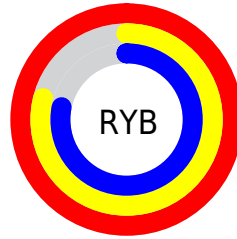
Distribution



Red (100%)

Green (79%)

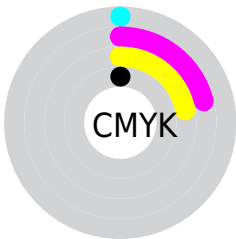
Blue (78%)



Red (100%)

Yellow (79%)

Blue (78%)

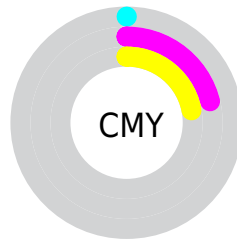


Cyan (0%)

Magenta (21%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (21%)

Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.6246, 0.3570, 0.3322 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 67.6246, 0.3570, 0.3322 by changing the saturation by 10% instead.


 67.6246, 0.3570,
0.3322

 67.6246, 0.3570,
0.3322


452.1648, 0.3361,
0.3311

 49.5924, 0.3619,
0.3324

115.8149, 0.3496,
0.3319

 35.0896, 0.3680,
0.3326


146.7419, 0.3468,
0.3317

 23.7319, 0.3758,
0.3327


182.7358, 0.3444,
0.3316

 15.1349, 0.3862,
0.3328

224.1812, 0.3423,
0.3315

 8.9141, 0.4006,
0.3326

271.4624, 0.3404,
0.3313

 4.6852, 0.4219,
0.3319

324.9638, 0.3388,

 2.0638, 0.4563,

0.3312

0.3294

385.0698, 0.3374,
0.3311

0.6441, 0.5931,
0.3540

0.0000, 1.0000,
0.0000

67.6246, 0.3570,
0.3322

67.6246, 0.3570,
0.3322

56.0820, 0.3852,
0.3338

81.1416, 0.3342,
0.3307

46.4163, 0.4197,
0.3353

96.7136, 0.3159,
0.3293

38.5300, 0.4604,
0.3366

100.0000, 0.3127,
0.3290

32.3144, 0.5062,
0.3373

■ 27.6493, 0.5531,
0.3372

■ 24.3979, 0.5949,
0.3360

■ 22.4002, 0.6245,
0.3338

■ 21.5626, 0.6374,
0.3321

Harmonies

Analogous

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



67.6246, 0.3391, 0.3117



67.6246, 0.3570, 0.3322



67.6246, 0.3625, 0.3528

Triad

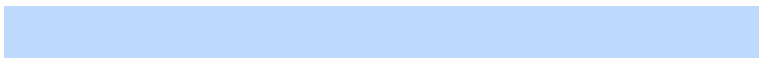
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.6246, 0.3570, 0.3322



67.6246, 0.3095, 0.3658



67.6246, 0.2724, 0.2899

Complementary

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



67.6246, 0.3570, 0.3322



88.9992, 0.2798, 0.3258

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.



67.6246, 0.2653, 0.3024



67.6246, 0.3570, 0.3322



67.6246, 0.2862, 0.3468

Square

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



67.6246, 0.3570, 0.3322



67.6246, 0.3344, 0.3735



67.6246, 0.2703, 0.3232



67.6246, 0.2900, 0.2878

Rectangle

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



67.6246, 0.3570, 0.3322



67.6246, 0.3583, 0.3640



67.6246, 0.2703, 0.3232



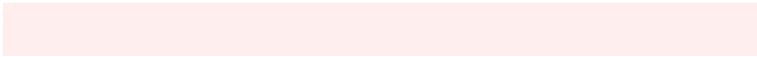
67.6246, 0.2688, 0.2930

Sweetspot

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



67.6264, 0.3570, 0.3322



88.5905, 0.3246, 0.3300



69.1583, 0.3173, 0.2768



18.7618, 0.3257, 0.3301



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

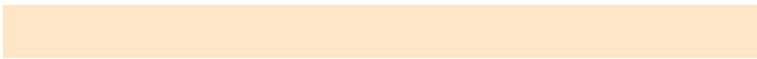
The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.6264, 0.3570, 0.3322



62.7207, 0.3677, 0.3328



81.8726, 0.3510, 0.3602



18.1420, 0.3293, 0.3303



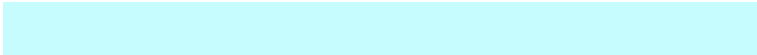
11.3298, 0.6364, 0.3329



1.1553, 0.6278, 0.3397

Inverse Universe

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



88.9992, 0.2798, 0.3258



87.2899, 0.2742, 0.3251



72.7908, 0.2775, 0.2957



20.3060, 0.2980, 0.3277



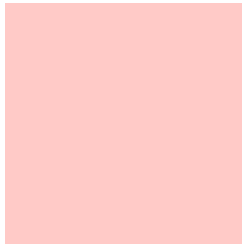
36.8497, 0.2201, 0.3123



3.6366, 0.2206, 0.3143

Previews

White Background



This preview shows how the Yxy color 67.6246, 0.3570, 0.3322 looks on a white background.

Color Contrast Check

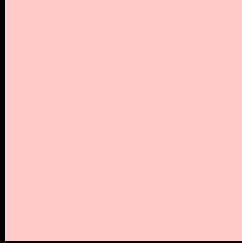
Large Text (above 18pt) WCAG AA × Fail

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 67.6246, 0.3570, 0.3322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

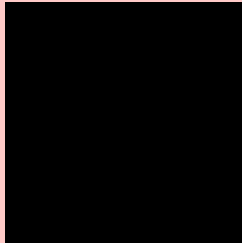
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.6246, 0.3570, 0.3322

Background



This preview shows how black text looks on a background with the Yxy color 67.6246, 0.3570, 0.3322.



This preview shows how white text looks on a background with the Yxy color 67.6246, 0.3570, 0.3322.

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

67.6246, 0.3570, 0.3322

Protanopia

67.9215, 0.3234, 0.3379

Deuteranopia

67.5801, 0.3464, 0.3387



Tritanopia

67.4748, 0.3449, 0.3138

Trichromacy



Original Color

67.6246, 0.3570, 0.3322

Protanomaly

67.7286, 0.3352, 0.3367

Deuteranomaly

67.5140, 0.3508, 0.3365

Tritanomaly

67.6367, 0.3494, 0.3209

Monochromacy



Original Color

67.6246, 0.3570, 0.3322

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

68.7790, 0.3276, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.6246, 0.3570, 0.3322 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, 202, 199)` looks like.

```
.text, #text, p{  
    color:rgb(255, 202, 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, 202, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 202, 199) }
```

Border

The CSS property to change the border of an element to Yxy 67.6246, 0.3570, 0.3322 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, 202, 199) }
```

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

```
.border{ border-color:rgb(255, 202, 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, 202, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 202, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 202, 199);  
box-shadow:4px 4px 4px 4px rgb(255, 202,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 67.6246, 0.3570, 0.3322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 202, 199) }
```

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

```
.background{ background-color: rgb(255,  
202, 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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