

Converting Colors

Yxy(68.2503, 0.3569, 0.3280)

Have a look what the booklet for
Yxy(68.2503, 0.3569, 0.3280)
contains.

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Color

Yxy(67.8129, 0.3539, 0.3281)

Conversions

Conversions Part 1

Format	Color
Hex	FFCACB
RGB	255, 202, 203
RGB Percent	100%, 79%, 80%
CMY	0.0000, 0.2079, 0.2040
CMYK	0.00, 0.21, 0.20, 0.00
HSL	359°, 100%, 90%
HSV	359°, 21%, 100%
XYZ	73.1453, 67.8129, 65.7254
YIQ	217.9610, 31.2670, 11.5470

Conversions

Conversions Part 2

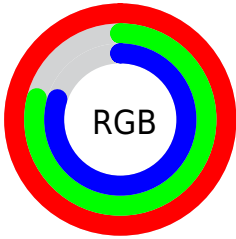
Format	Color
R _Y B	255, 202, 203
Decimal	16763595
CIE Lab	85.91, 18.92, 6.69
CIE LCh	86, 20.065, 19.463
Yxy	67.8129, 0.3539, 0.3281
Android (android.graphics.Color)	4294953675 (0xFFFFCACB)
YUV	217.9610, -7.3758, 32.4832
Hunter-Lab	82.3486, 14.4409, 10.3225

Details

The Yxy color **67.8129, 0.3539, 0.3281** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91.2327, 0.2821, 0.3299**, and the grayscale version is **70.1156, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.3555, 0.3644, 0.3278** is the 20% darker color. If you saturate the color by 10%, you get **55.7192, 0.3816, 0.3277**, and if you desaturate by 10%, it is **82.0730, 0.3317, 0.3285**.

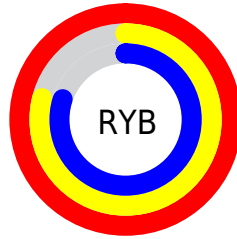
Distribution



Red (100%)

Green (79%)

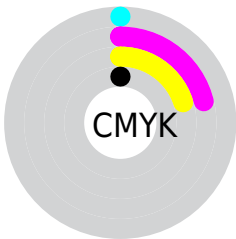
Blue (80%)



Red (100%)

Yellow (79%)

Blue (80%)

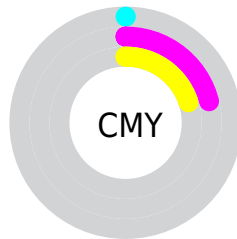


Cyan (0%)

Magenta (21%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (21%)


Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.8129, 0.3539, 0.3281 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 67.8129, 0.3539, 0.3281 by changing the saturation by 10% instead.


 67.8129, 0.3539,
0.3281

 67.8129, 0.3539,
0.3281

452.8328, 0.3345,
0.3288

 49.7455, 0.3584,
0.3279


116.0844, 0.3471,
0.3284

 35.2113, 0.3641,
0.3275


147.0574, 0.3444,
0.3285

 23.8256, 0.3713,
0.3271


183.1010, 0.3422,
0.3286

 15.2043, 0.3810,
0.3264

224.5997, 0.3402,
0.3286

 8.9629, 0.3943,
0.3252

271.9378, 0.3385,
0.3287

 4.7170, 0.4140,
0.3231


325.4998, 0.3370,


 2.0822, 0.4459,

0.3287


0.3188


385.6700, 0.3357,
0.3288


 0.6546, 0.5518,
0.3260


 0.0000, 1.0000,
0.0000


 67.8129, 0.3539,
0.3281

 67.8129, 0.3539,
0.3281


 55.7192, 0.3816,
0.3277


 82.0730, 0.3317,
0.3285

 45.6905, 0.4158,
0.3273

 98.6034, 0.3139,
0.3290

 37.6099, 0.4567,
0.3270

 100.0000, 0.3127,
0.3290

 31.3511, 0.5030,
0.3269

■ 26.7725, 0.5510,
0.3271

■ 23.7121, 0.5940,
0.3277

■ 21.9757, 0.6246,
0.3286

■ 21.2704, 0.6388,
0.3292

Harmonies

Analogous

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



67.8129, 0.3344, 0.3084



67.8129, 0.3539, 0.3281



67.8129, 0.3619, 0.3488

Triad

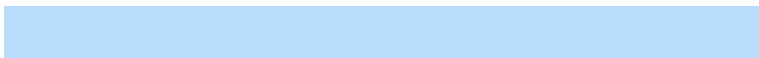
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.8129, 0.3539, 0.3281



67.8129, 0.3144, 0.3678



67.8129, 0.2706, 0.2920

Complementary

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



67.8129, 0.3539, 0.3281



91.2327, 0.2821, 0.3299

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.



67.8129, 0.2659, 0.3062



67.8129, 0.3539, 0.3281



67.8129, 0.2905, 0.3509

Square

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



67.8129, 0.3539, 0.3281



67.8129, 0.3385, 0.3729



67.8129, 0.2730, 0.3278



67.8129, 0.2863, 0.2878

Rectangle

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



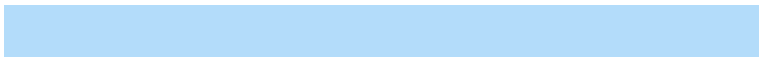
67.8129, 0.3539, 0.3281



67.8129, 0.3596, 0.3607



67.8129, 0.2730, 0.3278



67.8129, 0.2677, 0.2957

Sweetspot

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



67.8113, 0.3539, 0.3281



89.6941, 0.3227, 0.3288



70.3865, 0.3139, 0.2770



18.9689, 0.3239, 0.3287



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

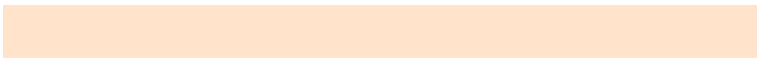
The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.8113, 0.3539, 0.3281



62.4561, 0.3648, 0.3279



80.3160, 0.3496, 0.3541



17.9926, 0.3292, 0.3286



11.1166, 0.6382, 0.3289



1.0842, 0.6337, 0.3264

Inverse Universe

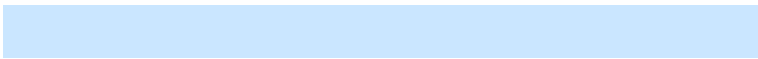
The Inverse Universe completely reimagines the original color for something new.



67.8113, 0.3539, 0.3281



62.4561, 0.3648, 0.3279



76.5179, 0.2798, 0.3025



17.9926, 0.3292, 0.3286



11.1166, 0.6382, 0.3289



1.0842, 0.6337, 0.3264

Previews

White Background



This preview shows how the Yxy color 67.8129, 0.3539, 0.3281 looks on a white background.

Color Contrast Check

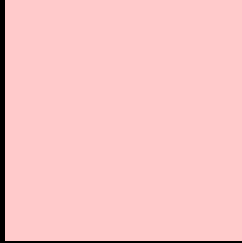
Large Text (above 18pt) WCAG AA × Fail

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 67.8129, 0.3539, 0.3281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

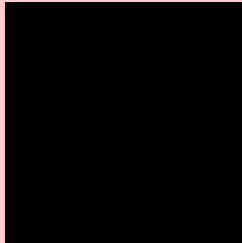
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.8129, 0.3539, 0.3281

Background



This preview shows how black text looks on a background with the Yxy color 67.8129, 0.3539, 0.3281.

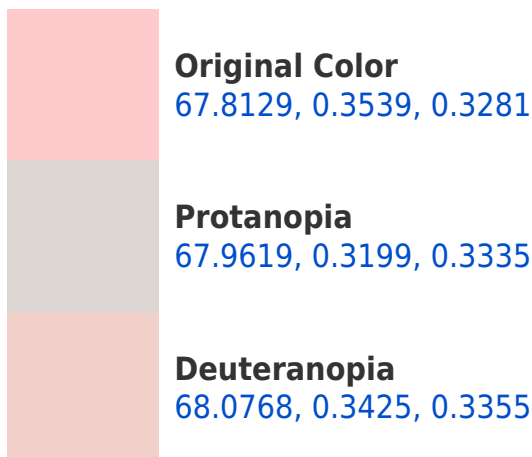


This preview shows how white text looks on a background with the Yxy color 67.8129, 0.3539, 0.3281.

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

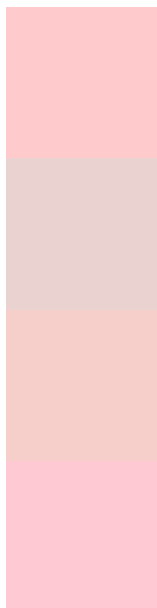




Tritanopia

67.9912, 0.3439, 0.3138

Trichromacy



Original Color

67.8129, 0.3539, 0.3281

Protanomaly

67.9218, 0.3323, 0.3323

Deuteranomaly

67.9997, 0.3467, 0.3333

Tritanomaly

67.7364, 0.3478, 0.3189

Monochromacy



Original Color

67.8129, 0.3539, 0.3281

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

68.8800, 0.3262, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.8129, 0.3539, 0.3281 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, 203)` looks like.

```
.text, #text, p{  
    color:rgb(255, 202, 203)  
}
```

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, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 202, 203) }
```

Border

The CSS property to change the border of an element to Yxy 67.8129, 0.3539, 0.3281 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, 203) }
```

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

```
.border{ border-color:rgb(255, 202, 203) }
```

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, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 202, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 202, 203);  
box-shadow:4px 4px 4px 4px rgb(255, 202,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 67.8129, 0.3539, 0.3281 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, 203) }
```

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

```
.background{ background-color: rgb(255,  
202, 203) }
```

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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