

Converting Colors

$Y_{xy}(70.0842, 0.3496, 0.3280)$

Have a look what the booklet for
Yxy(70.0842, 0.3496, 0.3280)
contains.

Yxy(69.9076, 0.3500, 0.3281)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(69.9076, 0.3500, 0.3281)

Conversions

Conversions Part 1

Format	Color
Hex	FFCECF
RGB	255, 206, 207
RGB Percent	100%, 81%, 81%
CMY	0.0000, 0.1921, 0.1883
CMYK	0.00, 0.19, 0.19, 0.00
HSL	359°, 100%, 90%
HSV	359°, 19%, 100%
XYZ	74.5738, 69.9076, 68.5866
YIQ	220.7650, 28.8830, 10.6990

Conversions

Conversions Part 2

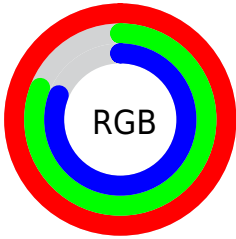
Format	Color
R _Y B	255, 206, 207
Decimal	16764623
CIE Lab	86.95, 17.40, 6.06
CIE LCh	87, 18.429, 19.193
Yxy	69.9076, 0.3500, 0.3281
Android (android.graphics.Color)	4294954703 (0xFFFFCECF)
YUV	220.7650, -6.7861, 30.0241
Hunter-Lab	83.6108, 12.8882, 9.8915

Details

The Yxy color **69.9076, 0.3500, 0.3281** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91.7994, 0.2843, 0.3299**, and the grayscale version is **72.1669, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.7621, 0.3591, 0.3278** is the 20% darker color. If you saturate the color by 10%, you get **57.4845, 0.3768, 0.3276**, and if you desaturate by 10%, it is **84.5202, 0.3286, 0.3286**.

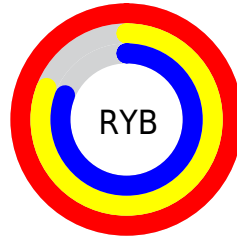
Distribution



Red (100%)

Green (81%)

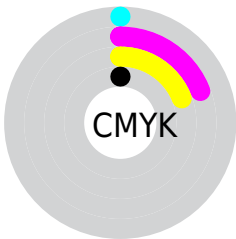
Blue (81%)



Red (100%)

Yellow (81%)

Blue (81%)

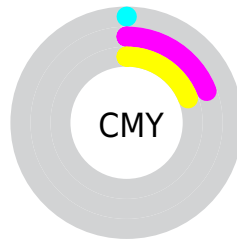


Cyan (0%)

Magenta (19%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (19%)

Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.9076, 0.3500, 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 69.9076, 0.3500, 0.3281 by changing the saturation by 10% instead.

 69.9076, 0.3500,
0.3281

 69.9076, 0.3500,
0.3281


460.2255, 0.3325,
0.3288

 51.4512, 0.3541,
0.3279

119.0770, 0.3439,
0.3284

 36.5678, 0.3591,
0.3276


150.5588, 0.3415,
0.3285

 24.8731, 0.3656,
0.3272


187.1511, 0.3395,
0.3285

 15.9825, 0.3741,
0.3266

229.2385, 0.3377,
0.3286

 9.5118, 0.3858,
0.3256

277.2052, 0.3362,
0.3286

 5.0765, 0.4031,
0.3239

331.4357, 0.3348,

 2.2922, 0.4308,

0.3287

0.3204

392.3143, 0.3336,
0.3287

0.7696, 0.5028,
0.3232

0.0000, 1.0000,
0.0000

69.9076, 0.3500,
0.3281

69.9076, 0.3500,
0.3281

57.4845, 0.3768,
0.3276

84.5202, 0.3286,
0.3286

47.1393, 0.4098,
0.3272

100.0000, 0.3127,
0.3290

38.7607, 0.4496,
0.3268

32.2241, 0.4952,
0.3267

■ 27.3908, 0.5433,
0.3269

■ 24.1027, 0.5876,
0.3274

■ 22.1719, 0.6206,
0.3284

■ 21.3191, 0.6377,
0.3292

■ 21.2712, 0.6387,
0.3292

Harmonies

Analogous

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



69.9076, 0.3323, 0.3101



69.9076, 0.3500, 0.3281



69.9076, 0.3574, 0.3470

Triad

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



69.9076, 0.3500, 0.3281



69.9076, 0.3146, 0.3642



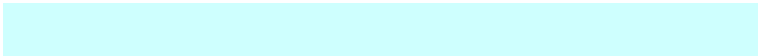
69.9076, 0.2742, 0.2954

Complementary

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



69.9076, 0.3500, 0.3281



91.7994, 0.2843, 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.



69.9076, 0.2700, 0.3085



69.9076, 0.3500, 0.3281



69.9076, 0.2928, 0.3490

Square

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



69.9076, 0.3500, 0.3281



69.9076, 0.3364, 0.3689



69.9076, 0.2766, 0.3282



69.9076, 0.2885, 0.2914

Rectangle

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



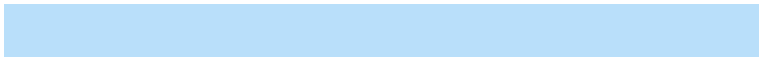
69.9076, 0.3500, 0.3281



69.9076, 0.3554, 0.3578



69.9076, 0.2766, 0.3282



69.9076, 0.2716, 0.2988

Sweetspot

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



69.9098, 0.3500, 0.3281



89.6954, 0.3227, 0.3287



72.3169, 0.3138, 0.2810



18.9692, 0.3238, 0.3287



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

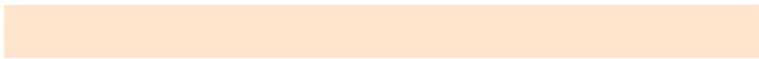
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.9098, 0.3500, 0.3281



64.9534, 0.3594, 0.3279



81.6830, 0.3464, 0.3521



17.9930, 0.3291, 0.3286



11.1172, 0.6380, 0.3289



1.0844, 0.6332, 0.3262

Inverse Universe

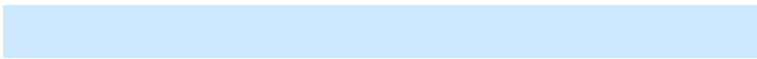
The Inverse Universe completely reimagines the original color for something new.



69.9098, 0.3500, 0.3281



64.9534, 0.3594, 0.3279



78.1324, 0.2824, 0.3047



17.9930, 0.3291, 0.3286



11.1172, 0.6380, 0.3289



1.0844, 0.6332, 0.3262

Previews

White Background



This preview shows how the Yxy color 69.9076, 0.3500, 0.3281 looks on a white background.

Color Contrast Check

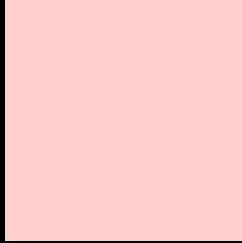
Large Text (above 18pt) WCAG AA × Fail

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 69.9076, 0.3500, 0.3281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

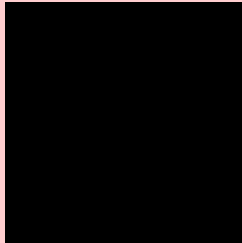
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.9076, 0.3500, 0.3281

Background



This preview shows how black text looks on a background with the Yxy color 69.9076, 0.3500, 0.3281.

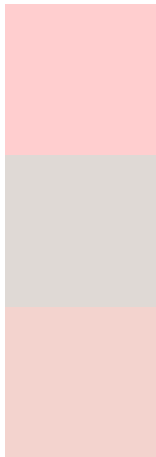


This preview shows how white text looks on a background with the Yxy color 69.9076, 0.3500, 0.3281.

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



Original Color

69.9076, 0.3500, 0.3281

Protanopia

70.1178, 0.3198, 0.3334

Deuteranopia

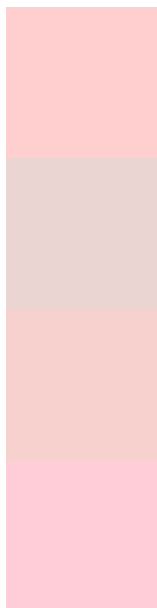
70.0994, 0.3405, 0.3344



Tritanopia

70.0900, 0.3403, 0.3139

Trichromacy



Original Color

69.9076, 0.3500, 0.3281

Protanomaly

69.9538, 0.3305, 0.3312

Deuteranomaly

69.8313, 0.3440, 0.3322

Tritanomaly

69.8289, 0.3441, 0.3189

Monochromacy



Original Color

69.9076, 0.3500, 0.3281

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

71.3932, 0.3252, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.9076, 0.3500, 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, 206, 207)` looks like.

```
.text, #text, p{  
    color:rgb(255, 206, 207)  
}
```

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, 206, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 206, 207) }
```

Border

The CSS property to change the border of an element to Yxy 69.9076, 0.3500, 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, 206, 207) }
```

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

```
.border{ border-color:rgb(255, 206, 207) }
```

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

Here you see how a box with a 4 pixel rgb(255, 206, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 206, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 206, 207);  
box-shadow:4px 4px 4px 4px rgb(255, 206,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 69.9076, 0.3500, 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, 206, 207) }
```

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

```
.background{ background-color: rgb(255,  
206, 207) }
```

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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