

Converting Colors

$Yxy(69.6047, 0.3501, 0.3274)$

Have a look what the booklet for
Yxy(69.6047, 0.3501, 0.3274)
contains.

Yxy(69.4276, 0.3502, 0.3271)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(69.4276, 0.3502, 0.3271)

Conversions

Conversions Part 1

Format	Color
Hex	FFCDCF
RGB	255, 205, 207
RGB Percent	100%, 80%, 81%
CMY	0.0000, 0.1960, 0.1884
CMYK	0.00, 0.20, 0.19, 0.00
HSL	358°, 100%, 90%
HSV	358°, 20%, 100%
XYZ	74.3306, 69.4276, 68.4937
YIQ	220.1780, 29.1580, 11.2220

Conversions

Conversions Part 2

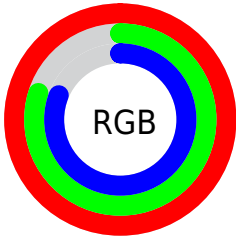
Format	Color
R _Y B	255, 205, 207
Decimal	16764367
CIE Lab	86.72, 17.92, 5.73
CIE LCh	87, 18.814, 17.727
Yxy	69.4276, 0.3502, 0.3271
Android (android.graphics.Color)	4294954447 (0xFFFFCDCF)
YUV	220.1780, -6.4968, 30.5389
Hunter-Lab	83.3232, 13.4199, 9.5885

Details

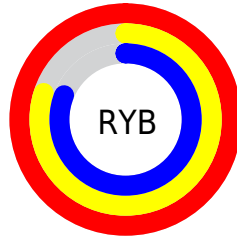
The Yxy color $69.4276, 0.3502, 0.3271$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $91.5949, 0.2843, 0.3309$, and the grayscale version is $71.7325, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $36.4389, 0.3594, 0.3265$ is the 20% darker color. If you saturate the color by 10%, you get $57.1016, 0.3766, 0.3261$, and if you desaturate by 10%, it is $83.9337, 0.3290, 0.3281$.

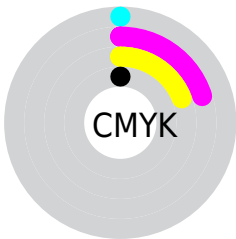
Distribution



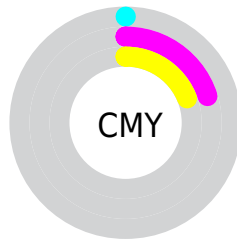
- Red (100%)
- Green (80%)
- Blue (81%)



- Red (100%)
- Yellow (80%)
- Blue (81%)



- Cyan (0%)
- Magenta (20%)
- Yellow (19%)
- Black (0%)




- Cyan (0%)
- Magenta (20%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.4276, 0.3502, 0.3271 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 69.4276, 0.3502, 0.3271 by changing the saturation by 10% instead.


 69.4276, 0.3502,
0.3271

 69.4276, 0.3502,
0.3271


458.5376, 0.3326,
0.3282

 51.0600, 0.3543,
0.3268


118.3921, 0.3440,
0.3275

 36.2564, 0.3594,
0.3264


149.7578, 0.3417,
0.3277

 24.6323, 0.3659,
0.3258


186.2251, 0.3396,
0.3278

 15.8033, 0.3745,
0.3250

228.1782, 0.3378,
0.3279

 9.3851, 0.3864,
0.3237

276.0016, 0.3363,
0.3280

 4.9932, 0.4038,
0.3216

330.0798, 0.3349,

 2.2433, 0.4319,

0.3281

0.3174

390.7970, 0.3337,
0.3282

0.7434, 0.5063,
0.3185

0.0000, 1.0000,
0.0000

69.4276, 0.3502,
0.3271

69.4276, 0.3502,
0.3271

57.1016, 0.3766,
0.3261

83.9337, 0.3290,
0.3281

46.8418, 0.4093,
0.3251

100.0000, 0.3127,
0.3290

38.5380, 0.4485,
0.3243

32.0658, 0.4935,
0.3239

■ 27.2867, 0.5411,
0.3241

■ 24.0427, 0.5853,
0.3251

■ 22.1457, 0.6187,
0.3268

■ 21.3060, 0.6369,
0.3285

■ 21.2819, 0.6373,
0.3284

Harmonies

Analogous

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



69.4276, 0.3316, 0.3088



69.4276, 0.3502, 0.3271



69.4276, 0.3584, 0.3465

Triad

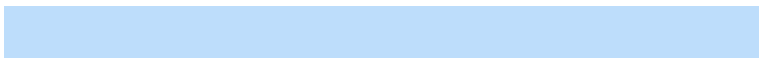
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.4276, 0.3502, 0.3271



69.4276, 0.3157, 0.3656



69.4276, 0.2729, 0.2950

Complementary

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



69.4276, 0.3502, 0.3271



91.5949, 0.2843, 0.3309

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.



69.4276, 0.2691, 0.3089



69.4276, 0.3502, 0.3271



69.4276, 0.2933, 0.3504

Square

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



69.4276, 0.3502, 0.3271



69.4276, 0.3380, 0.3697



69.4276, 0.2764, 0.3292



69.4276, 0.2870, 0.2905

Rectangle

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



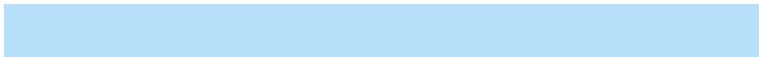
69.4276, 0.3502, 0.3271



69.4276, 0.3567, 0.3577



69.4276, 0.2764, 0.3292



69.4276, 0.2704, 0.2987

Sweetspot

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



69.4306, 0.3502, 0.3271



89.7128, 0.3225, 0.3284



71.6762, 0.3132, 0.2799



18.9733, 0.3236, 0.3284



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

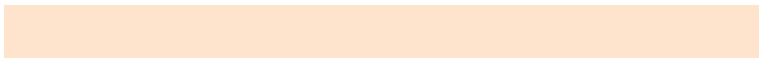
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.4306, 0.3502, 0.3271



63.7492, 0.3611, 0.3267



80.8832, 0.3474, 0.3518



17.9986, 0.3288, 0.3281



11.1252, 0.6361, 0.3278



1.0871, 0.6268, 0.3227

Inverse Universe

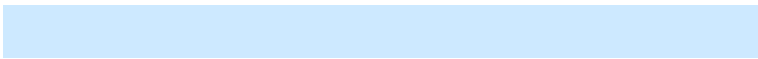
The Inverse Universe completely reimagines the original color for something new.



69.4306, 0.3502, 0.3271



63.7492, 0.3611, 0.3267



78.1980, 0.2818, 0.3051



17.9986, 0.3288, 0.3281



11.1252, 0.6361, 0.3278



1.0871, 0.6268, 0.3227

Previews

White Background



This preview shows how the Yxy color 69.4276, 0.3502, 0.3271 looks on a white background.

Color Contrast Check

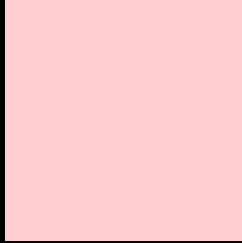
Large Text (above 18pt) WCAG AA × Fail

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 69.4276, 0.3502, 0.3271 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 69.4276, 0.3502, 0.3271

Background



This preview shows how black text looks on a background with the Yxy color 69.4276, 0.3502, 0.3271.



This preview shows how white text looks on a background with the Yxy color 69.4276, 0.3502, 0.3271.

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

69.4276, 0.3502, 0.3271

Protanopia

69.4454, 0.3191, 0.3323

Deuteranopia

69.6041, 0.3407, 0.3333



Tritanopia

69.5602, 0.3412, 0.3138

Trichromacy



Original Color

69.4276, 0.3502, 0.3271

Protanomaly

69.2825, 0.3299, 0.3301

Deuteranomaly

69.3421, 0.3441, 0.3312

Tritanomaly

69.3520, 0.3442, 0.3179

Monochromacy



Original Color

69.4276, 0.3502, 0.3271

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

70.8308, 0.3260, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.4276, 0.3502, 0.3271 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, 205, 207)` looks like.

```
.text, #text, p{  
    color:rgb(255, 205, 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, 205, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 205, 207) }
```

Border

The CSS property to change the border of an element to Yxy 69.4276, 0.3502, 0.3271 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, 205, 207) }
```

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

```
.border{ border-color:rgb(255, 205, 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, 205, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 205, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 205, 207);  
box-shadow:4px 4px 4px 4px rgb(255, 205,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 69.4276, 0.3502, 0.3271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 205, 207) }
```

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

```
.background{ background-color: rgb(255,  
205, 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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