

Converting Colors

Yxy(68.9715, 0.3612, 0.3423)

Have a look what the booklet for
Yxy(68.9715, 0.3612, 0.3423)
contains.

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Color

Yxy(68.7729, 0.3610, 0.3415)

Conversions

Conversions Part 1

Format	Color
Hex	FFCDC1
RGB	255, 205, 193
RGB Percent	100%, 80%, 76%
CMY	0.0000, 0.1961, 0.2430
CMYK	0.00, 0.20, 0.24, 0.00
HSL	12°, 100%, 88%
HSV	12°, 24%, 100%
XYZ	72.6999, 68.7729, 59.9120
YIQ	218.5820, 33.6520, 6.8680

Conversions

Conversions Part 2

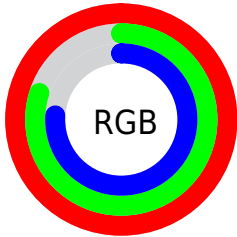
Format	Color
R _Y B	255, 208, 193
Decimal	16764353
CIE Lab	86.39, 15.92, 12.65
CIE LCh	86, 20.336, 38.463
Yxy	68.7729, 0.3610, 0.3415
Android (android.graphics.Color)	4294954433 (0xFFFFCDC1)
YUV	218.5820, -12.6119, 31.9386
Hunter-Lab	82.9294, 11.3551, 15.2168

Details

The Yxy color **68.7729, 0.3610, 0.3415** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.6793, 0.2757, 0.3161**, and the grayscale version is **70.6081, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6196, 0.3162, 0.3347**, and **35.8676, 0.3729, 0.3451** is the 20% darker color. If you saturate the color by 10%, you get **58.5294, 0.3883, 0.3470**, and if you desaturate by 10%, it is **80.5125, 0.3384, 0.3361**.

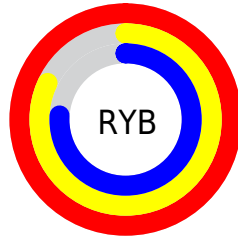
Distribution



Red (100%)

Green (80%)

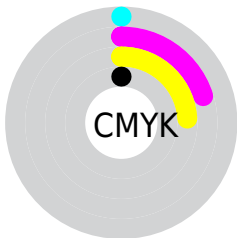
Blue (76%)



Red (100%)

Yellow (82%)

Blue (76%)

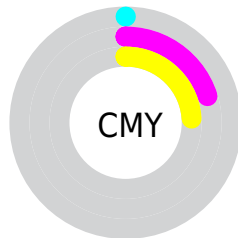


Cyan (0%)

Magenta (20%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (20%)

Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.7729, 0.3610, 0.3415 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 68.7729, 0.3610, 0.3415 by changing the saturation by 10% instead.


 68.7729, 0.3610,
0.3415

 68.7729, 0.3610,
0.3415

456.2296, 0.3382,
0.3361

 50.5268, 0.3663,
0.3426


 117.4572, 0.3530,
0.3397

 35.8321, 0.3729,
0.3440


148.6641, 0.3499,
0.3390

 24.3046, 0.3814,
0.3456


184.9600, 0.3473,
0.3384

 15.5597, 0.3925,
0.3475

226.7295, 0.3450,
0.3378

 9.2131, 0.4079,
0.3498

274.3568, 0.3430,
0.3373

 4.8805, 0.4305,
0.3525

328.2263, 0.3412,

 2.1773, 0.4663,

0.3369

0.3549

388.7224, 0.3396,
0.3365

0.7076, 0.6044,
0.3956

0.0000, 1.0000,
0.0000

68.7729, 0.3610,
0.3415

68.7729, 0.3610,
0.3415

58.5294, 0.3883,
0.3470

80.5125, 0.3384,
0.3361

49.7134, 0.4206,
0.3522

93.7963, 0.3197,
0.3311

42.2633, 0.4580,
0.3566

100.0000, 0.3127,
0.3290

36.1097, 0.4992,
0.3592

■ 31.1773, 0.5413,
0.3593

■ 27.3822, 0.5798,
0.3559

■ 24.6295, 0.6094,
0.3491

■ 23.4789, 0.6216,
0.3446

Harmonies

Analogous

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



68.7729, 0.3481, 0.3204



68.7729, 0.3610, 0.3415



68.7729, 0.3603, 0.3604

Triad

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



68.7729, 0.3610, 0.3415



68.7729, 0.2987, 0.3584



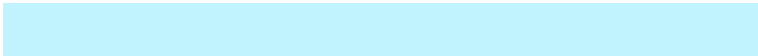
68.7729, 0.2791, 0.2878

Complementary

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



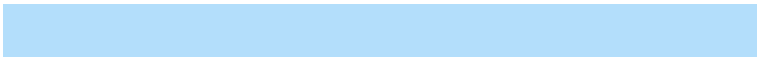
68.7729, 0.3610, 0.3415



82.6793, 0.2757, 0.3161

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.



68.7729, 0.2671, 0.2958



68.7729, 0.3610, 0.3415



68.7729, 0.2781, 0.3365

Square

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



68.7729, 0.3610, 0.3415



68.7729, 0.3237, 0.3716



68.7729, 0.2667, 0.3134



68.7729, 0.3003, 0.2902

Rectangle

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



68.7729, 0.3610, 0.3415



68.7729, 0.3522, 0.3692



68.7729, 0.2667, 0.3134



68.7729, 0.2739, 0.2893

Sweetspot

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



68.7757, 0.3610, 0.3415



90.0564, 0.3244, 0.3324



65.9233, 0.3238, 0.2787



19.1001, 0.3255, 0.3327



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.



68.7757, 0.3610, 0.3415



63.7796, 0.3732, 0.3441



84.7441, 0.3539, 0.3717



18.5549, 0.3290, 0.3337



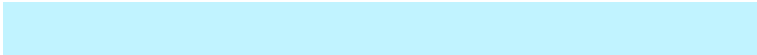
12.4288, 0.6192, 0.3465



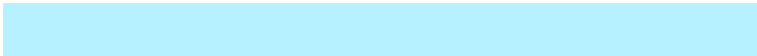
1.3523, 0.5989, 0.3626

Inverse Universe

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



82.6793, 0.2757, 0.3161



79.7906, 0.2689, 0.3133



65.9763, 0.2728, 0.2823



19.8498, 0.2980, 0.3243



26.9833, 0.2071, 0.2657



2.7731, 0.2094, 0.2737

Previews

White Background



This preview shows how the Yxy color 68.7729, 0.3610, 0.3415 looks on a white background.

Color Contrast Check

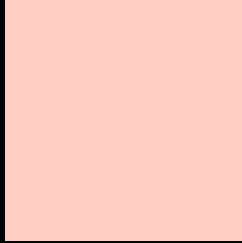
Large Text (above 18pt) WCAG AA × Fail

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 68.7729, 0.3610, 0.3415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

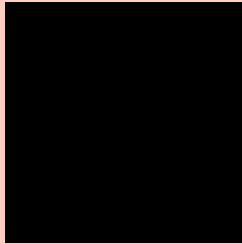
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.7729, 0.3610, 0.3415

Background



This preview shows how black text looks on a background with the Yxy color 68.7729, 0.3610, 0.3415.



This preview shows how white text looks on a background with the Yxy color 68.7729, 0.3610, 0.3415.

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

68.7729, 0.3610, 0.3415

Protanopia

69.2428, 0.3311, 0.3478

Deuteranopia

68.9995, 0.3537, 0.3471



Tritanopia

68.9816, 0.3429, 0.3148

Trichromacy



Original Color

68.7729, 0.3610, 0.3415

Protanomaly

68.9511, 0.3416, 0.3453

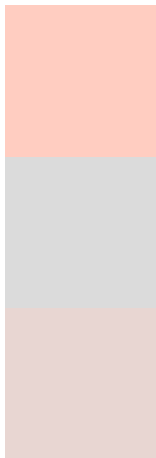
Deuteranomaly

69.0573, 0.3563, 0.3459

Tritanomaly

68.9998, 0.3496, 0.3250

Monochromacy



Original Color

68.7729, 0.3610, 0.3415

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

69.9021, 0.3289, 0.3334

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.7729, 0.3610, 0.3415 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, 193)` looks like.

```
.text, #text, p{  
  color:rgb(255, 205, 193)  
}
```

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, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 205, 193) }
```

Border

The CSS property to change the border of an element to Yxy 68.7729, 0.3610, 0.3415 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, 193) }
```

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

```
.border{ border-color:rgb(255, 205, 193) }
```

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, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 205, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 205, 193);  
box-shadow:4px 4px 4px 4px rgb(255, 205,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 68.7729, 0.3610, 0.3415 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, 193) }
```

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

```
.background{ background-color: rgb(255,  
205, 193) }
```

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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