

Converting Colors

$Y_{xy}(89.0400, 0.4240, 0.3411)$

Have a look what the booklet for
Yxy(89.0400, 0.4240, 0.3411)
contains.

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Color

Yxy(69.6914, 0.3613, 0.3446)

Conversions

Conversions Part 1

Format	Color
Hex	FFCFC0
RGB	255, 207, 192
RGB Percent	100%, 81%, 75%
CMY	0.0000, 0.1882, 0.2470
CMYK	0.00, 0.19, 0.25, 0.00
HSL	14°, 100%, 88%
HSV	14°, 25%, 100%
XYZ	73.0688, 69.6914, 59.4784
YIQ	219.6420, 33.4230, 5.5110

Conversions

Conversions Part 2

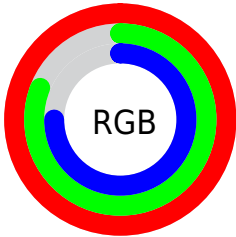
Format	Color
R _Y B	255, 212, 192
Decimal	16764864
CIE Lab	86.85, 14.74, 13.83
CIE LCh	87, 20.210, 43.173
Yxy	69.6914, 0.3613, 0.3446
Android (android.graphics.Color)	4294954944 (0xFFFFCFC0)
YUV	219.6420, -13.6275, 31.0090
Hunter-Lab	83.4814, 10.1434, 16.1943

Details

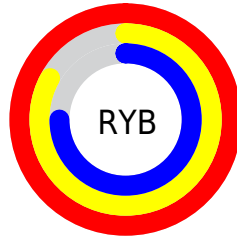
The Yxy color **69.6914, 0.3613, 0.3446** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.7557, 0.2748, 0.3128**, and the grayscale version is **71.3893, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.5573, 0.3168, 0.3357**, and **36.5169, 0.3721, 0.3477** is the 20% darker color. If you saturate the color by 10%, you get **59.8164, 0.3880, 0.3513**, and if you desaturate by 10%, it is **80.9270, 0.3389, 0.3380**.

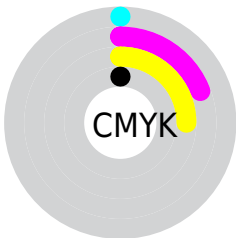
Distribution



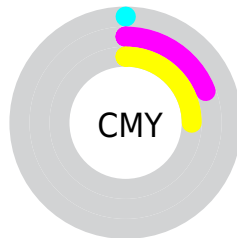
- Red (100%)
- Green (81%)
- Blue (75%)



- Red (100%)
- Yellow (83%)
- Blue (75%)



- Cyan (0%)
- Magenta (19%)
- Yellow (25%)
- Black (0%)




- Cyan (0%)
- Magenta (19%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.6914, 0.3613, 0.3446 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 69.6914, 0.3613, 0.3446 by changing the saturation by 10% instead.


 69.6914, 0.3613,
0.3446

 69.6914, 0.3613,
0.3446


459.4657, 0.3384,
0.3378

 51.2750, 0.3666,
0.3461

 118.7686, 0.3533,
0.3423

 36.4275, 0.3732,
0.3478


150.1981, 0.3502,
0.3414

 24.7645, 0.3816,
0.3499


186.7342, 0.3475,
0.3406

 15.9017, 0.3927,
0.3525

228.7611, 0.3452,
0.3399

 9.4546, 0.4080,
0.3557

276.6633, 0.3432,
0.3393

 5.0389, 0.4302,
0.3595


330.8252, 0.3414,


 2.2701, 0.4653,

0.3387

0.3637


391.6312, 0.3399,
0.3382


 0.7578, 0.5928,
0.4072


 0.0000, 1.0000,
0.0000


 69.6914, 0.3613,
0.3446


 69.6914, 0.3613,
0.3446

 59.8164, 0.3880,
0.3513

 80.9270, 0.3389,
0.3380

 51.2410, 0.4194,
0.3577

 93.5633, 0.3203,
0.3318

 43.9128, 0.4554,
0.3631

100.0000, 0.3127,
0.3290

 37.7722, 0.4948,
0.3666

■ 32.7547, 0.5350,
0.3671

■ 28.7890, 0.5721,
0.3636

■ 25.7946, 0.6014,
0.3561

■ 24.5637, 0.6133,
0.3512

Harmonies

Analogous

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



69.6914, 0.3505, 0.3237



69.6914, 0.3613, 0.3446



69.6914, 0.3584, 0.3625

Triad

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



69.6914, 0.3613, 0.3446



69.6914, 0.2952, 0.3551



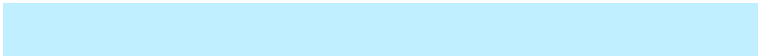
69.6914, 0.2823, 0.2879

Complementary

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



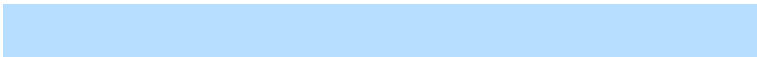
69.6914, 0.3613, 0.3446



80.7557, 0.2748, 0.3128

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.



69.6914, 0.2687, 0.2942



69.6914, 0.3613, 0.3446



69.6914, 0.2760, 0.3327

Square

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



69.6914, 0.3613, 0.3446



69.6914, 0.3197, 0.3699



69.6914, 0.2665, 0.3103



69.6914, 0.3042, 0.2919

Rectangle

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



69.6914, 0.3613, 0.3446



69.6914, 0.3492, 0.3702



69.6914, 0.2665, 0.3103



69.6914, 0.2766, 0.2888

Sweetspot

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



69.6944, 0.3613, 0.3446



90.5296, 0.3243, 0.3332



65.2758, 0.3264, 0.2809



19.2094, 0.3254, 0.3335



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.



69.6944, 0.3613, 0.3446



64.2930, 0.3749, 0.3482



86.3346, 0.3539, 0.3754



18.6887, 0.3288, 0.3347



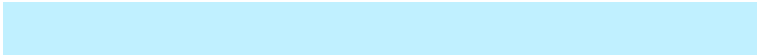
13.0249, 0.6106, 0.3534



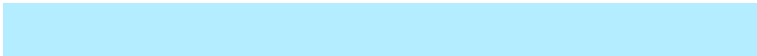
1.4281, 0.5891, 0.3704

Inverse Universe

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



80.7557, 0.2748, 0.3128



77.1941, 0.2671, 0.3089



63.9373, 0.2718, 0.2778



19.7056, 0.2980, 0.3232



24.2497, 0.2028, 0.2500



2.5289, 0.2056, 0.2601

Previews

White Background



This preview shows how the Yxy color 69.6914, 0.3613, 0.3446 looks on a white background.

Color Contrast Check

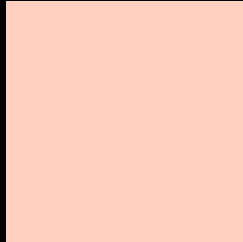
Large Text (above 18pt) WCAG AA × Fail

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 69.6914, 0.3613, 0.3446 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 69.6914, 0.3613, 0.3446

Background



This preview shows how black text looks on a background with the Yxy color 69.6914, 0.3613, 0.3446.



This preview shows how white text looks on a background with the Yxy color 69.6914, 0.3613, 0.3446.

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

69.6914, 0.3613, 0.3446

Protanopia

69.8257, 0.3331, 0.3511

Deuteranopia

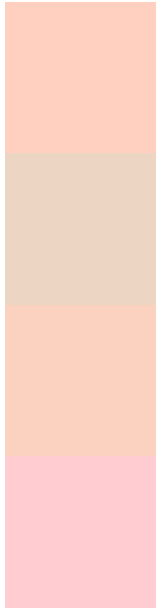
69.8112, 0.3558, 0.3491



Tritanopia

69.5602, 0.3412, 0.3138

Trichromacy



Original Color

69.6914, 0.3613, 0.3446

Protanomaly

69.5332, 0.3436, 0.3485

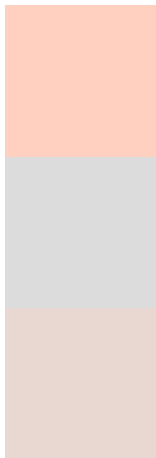
Deuteranomaly

69.8717, 0.3584, 0.3479

Tritanomaly

69.5261, 0.3486, 0.3250

Monochromacy



Original Color

69.6914, 0.3613, 0.3446

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

70.5777, 0.3295, 0.3344

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.6914, 0.3613, 0.3446 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, 207, 192)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 192)  
}
```

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, 207, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 192) }
```

Border

The CSS property to change the border of an element to Yxy 69.6914, 0.3613, 0.3446 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, 207, 192) }
```

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

```
.border{ border-color:rgb(255, 207, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 207, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 207, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 207, 192);  
box-shadow:4px 4px 4px 4px rgb(255, 207,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 69.6914, 0.3613, 0.3446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 207, 192) }
```

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

```
.background{ background-color: rgb(255,  
207, 192) }
```

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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