

Converting Colors

$Yxy(68.6908, 0.3710, 0.3563)$

Have a look what the booklet for
Yxy(68.6908, 0.3710, 0.3563)
contains.

Yxy(68.6979, 0.3709, 0.3561)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(68.6979, 0.3709, 0.3561)

Conversions

Conversions Part 1

Format	Color
Hex	FFCEB4
RGB	255, 206, 180
RGB Percent	100%, 81%, 71%
CMY	0.0000, 0.1922, 0.2941
CMYK	0.00, 0.19, 0.29, 0.00
HSL	21°, 100%, 85%
HSV	21°, 29%, 100%
XYZ	71.5531, 68.6979, 52.6665
YIQ	217.6870, 37.5500, 2.3020

Conversions

Conversions Part 2

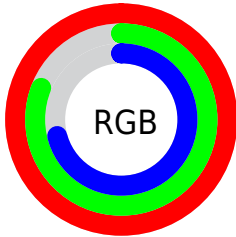
Format	Color
R _Y B	255, 220, 180
Decimal	16764596
CIE Lab	86.35, 13.67, 19.48
CIE LCh	86, 23.793, 54.944
Yxy	68.6979, 0.3709, 0.3561
Android (android.graphics.Color)	4294954676 (0xFFFFCEB4)
YUV	217.6870, -18.5797, 32.7235
Hunter-Lab	82.8842, 9.0499, 20.3448

Details

The Yxy color $68.6979, 0.3709, 0.3561$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $72.9595, 0.2669, 0.3001$, and the grayscale version is $69.9945, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.8361, 0.3238, 0.3473$, and $35.8591, 0.3849, 0.3624$ is the 20% darker color. If you saturate the color by 10%, you get $60.1522, 0.3975, 0.3657$, and if you desaturate by 10%, it is $78.2858, 0.3479, 0.3465$.

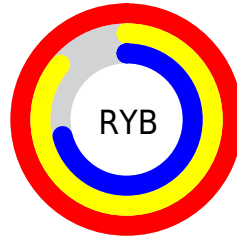
Distribution



Red (100%)

Green (81%)

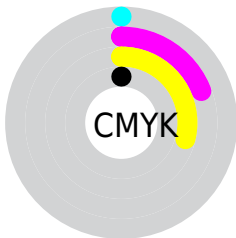
Blue (71%)



Red (100%)

Yellow (86%)

Blue (71%)

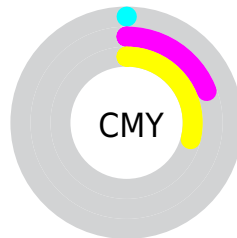


Cyan (0%)

Magenta (19%)

Yellow (29%)

Black (0%)



Cyan (0%)

Magenta (19%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.6979, 0.3709, 0.3561 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 68.6979, 0.3709, 0.3561 by changing the saturation by 10% instead.


 68.6979, 0.3709,
0.3561

 68.6979, 0.3709,
0.3561


455.9648, 0.3435,
0.3441

 50.4657, 0.3773,
0.3587


 117.3500, 0.3613,
0.3520

 35.7836, 0.3851,
0.3618


148.5387, 0.3576,
0.3504

 24.2671, 0.3952,
0.3656


184.8150, 0.3544,
0.3490

 15.5319, 0.4084,
0.3703

226.5633, 0.3516,
0.3478

 9.1935, 0.4264,
0.3761

274.1681, 0.3492,
0.3467

 4.8676, 0.4523,
0.3832


328.0136, 0.3471,

 2.1698, 0.4955,


0.3457

0.3938


388.4844, 0.3452,
0.3449


 0.7035, 0.5901,
0.4099


 0.0000, 0.0000,
0.0000


 68.6979, 0.3709,
0.3561


 68.6979, 0.3709,
0.3561

 60.1522, 0.3975,
0.3657


 78.2858, 0.3479,
0.3465

 52.6106, 0.4278,
0.3746

 88.9494, 0.3284,
0.3372

 46.0343, 0.4612,
0.3818

100.0000, 0.3127,
0.3290

 40.3811, 0.4964,
0.3862

■ 35.6055, 0.5310,
0.3865

■ 31.6569, 0.5618,
0.3817

■ 28.4728, 0.5863,
0.3722

■ 28.3069, 0.5876,
0.3716

Harmonies

Analogous

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



68.6979, 0.3644, 0.3322



68.6979, 0.3709, 0.3561



68.6979, 0.3610, 0.3745

Triad

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



68.6979, 0.3709, 0.3561



68.6979, 0.2820, 0.3502



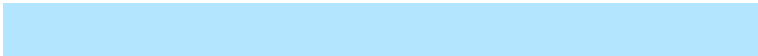
68.6979, 0.2860, 0.2812

Complementary

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



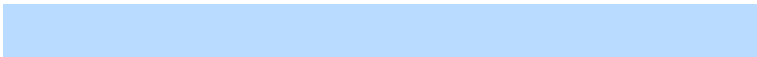
68.6979, 0.3709, 0.3561



72.9595, 0.2669, 0.3001

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.



68.6979, 0.2657, 0.2836



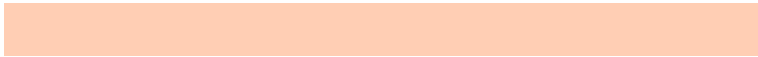
68.6979, 0.3709, 0.3561



68.6979, 0.2635, 0.3223

Square

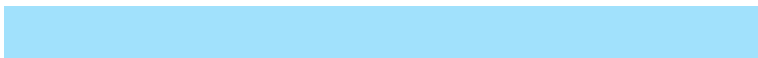
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



68.6979, 0.3709, 0.3561



68.6979, 0.3091, 0.3724



68.6979, 0.2577, 0.2980



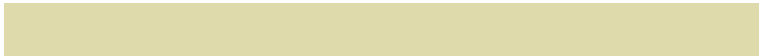
68.6979, 0.3142, 0.2904

Rectangle

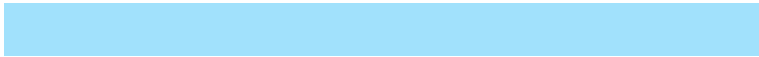
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



68.6979, 0.3709, 0.3561



68.6979, 0.3468, 0.3806



68.6979, 0.2577, 0.2980



68.6979, 0.2781, 0.2807

Sweetspot

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



68.6983, 0.3709, 0.3561



89.4133, 0.3277, 0.3368



59.6146, 0.3357, 0.2785



18.7900, 0.3303, 0.3382



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.



68.6983, 0.3709, 0.3561



63.7974, 0.3853, 0.3615



88.3572, 0.3606, 0.3915



19.0168, 0.3286, 0.3373



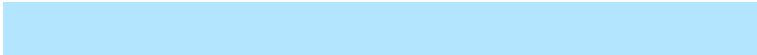
15.0412, 0.5847, 0.3740



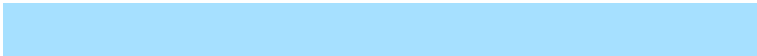
1.6594, 0.5629, 0.3913

Inverse Universe

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



72.9595, 0.2669, 0.3001



68.6417, 0.2584, 0.2937



54.8412, 0.2622, 0.2576



19.3589, 0.2980, 0.3206



18.4253, 0.1920, 0.2111



1.9984, 0.1961, 0.2261

Previews

White Background



This preview shows how the Yxy color 68.6979, 0.3709, 0.3561 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 68.6979, 0.3709, 0.3561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

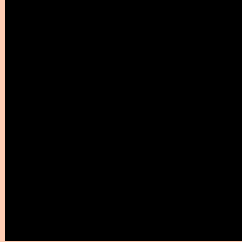
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.6979, 0.3709, 0.3561

Background



This preview shows how black text looks on a background with the Yxy color 68.6979, 0.3709, 0.3561.



This preview shows how white text looks on a background with the Yxy color 68.6979, 0.3709, 0.3561.

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

68.6979, 0.3709, 0.3561

Protanopia

68.9454, 0.3426, 0.3634

Deuteranopia

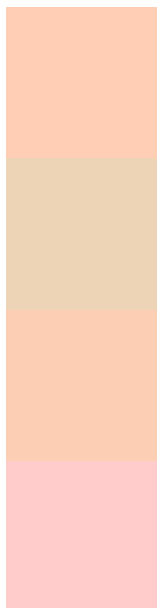
68.7310, 0.3663, 0.3585



Tritanopia

68.4589, 0.3438, 0.3148

Trichromacy



Original Color

68.6979, 0.3709, 0.3561

Protanomaly

68.5104, 0.3527, 0.3605

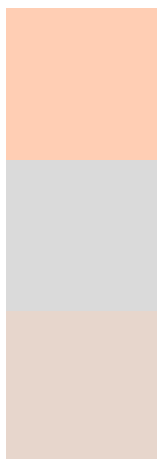
Deuteranomaly

68.6164, 0.3682, 0.3574

Tritanomaly

68.2837, 0.3537, 0.3291

Monochromacy



Original Color

68.6979, 0.3709, 0.3561

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

69.4417, 0.3324, 0.3399

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.6979, 0.3709, 0.3561 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, 180)` looks like.

```
.text, #text, p{  
    color:rgb(255, 206, 180)  
}
```

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, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 206, 180) }
```

Border

The CSS property to change the border of an element to Yxy 68.6979, 0.3709, 0.3561 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, 180) }
```

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

```
.border{ border-color:rgb(255, 206, 180) }
```

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, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 206, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 206, 180);  
box-shadow:4px 4px 4px 4px rgb(255, 206,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 68.6979, 0.3709, 0.3561 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, 180) }
```

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

```
.background{ background-color: rgb(255,  
206, 180) }
```

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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