

Converting Colors

$Yxy(75.3511, 0.4077, 0.3468)$

Have a look what the booklet for
Yxy(75.3511, 0.4077, 0.3468)
contains.

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Color

Yxy(65.9047, 0.3719, 0.3489)

Conversions

Conversions Part 1

Format	Color
Hex	FFC8B5
RGB	255, 200, 181
RGB Percent	100%, 78%, 71%
CMY	0.0000, 0.2157, 0.2902
CMYK	0.00, 0.22, 0.29, 0.00
HSL	15°, 100%, 85%
HSV	15°, 29%, 100%
XYZ	70.2492, 65.9047, 52.7389
YIQ	214.2790, 38.8790, 5.7510

Conversions

Conversions Part 2

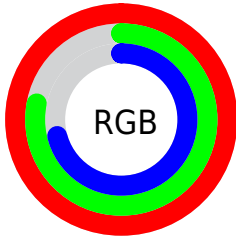
Format	Color
R _Y B	255, 207, 181
Decimal	16763061
CIE Lab	84.95, 16.95, 16.98
CIE LCh	85, 23.992, 45.053
Yxy	65.9047, 0.3719, 0.3489
Android (android.graphics.Color)	4294953141 (0xFFFFC8B5)
YUV	214.2790, -16.4065, 35.7123
Hunter-Lab	81.1817, 12.3940, 18.3101

Details

The Yxy color **65.9047, 0.3719, 0.3489** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.0503, 0.2683, 0.3081**, and the grayscale version is **67.5293, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8944, 0.3232, 0.3464**, and **33.9866, 0.3867, 0.3533** is the 20% darker color. If you saturate the color by 10%, you get **56.7014, 0.4002, 0.3561**, and if you desaturate by 10%, it is **76.3755, 0.3479, 0.3417**.

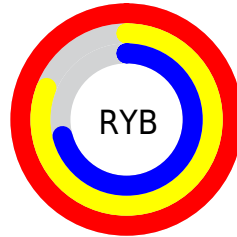
Distribution



Red (100%)

Green (78%)

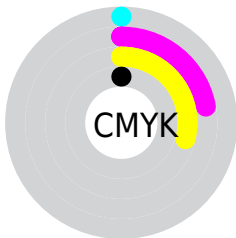
Blue (71%)



Red (100%)

Yellow (81%)

Blue (71%)

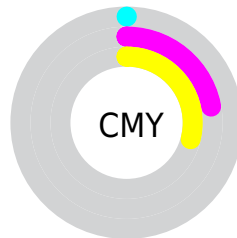


Cyan (0%)

Magenta (22%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (22%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.9047, 0.3719, 0.3489 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 65.9047, 0.3719, 0.3489 by changing the saturation by 10% instead.


 65.9047, 0.3719,
0.3489

 65.9047, 0.3719,
0.3489

446.0360, 0.3438,
0.3402

 48.1950, 0.3785,
0.3507


 113.3495, 0.3620,
0.3460

 33.9814, 0.3867,
0.3529


143.8535, 0.3582,
0.3448

 22.8793, 0.3973,
0.3555


179.3911, 0.3549,
0.3438

 14.5044, 0.4112,
0.3586

220.3465, 0.3521,
0.3429

 8.4723, 0.4305,
0.3624

267.1044, 0.3496,
0.3421

 4.3986, 0.4587,
0.3665

320.0490, 0.3474,

 1.8990, 0.5069,

0.3414

0.3725

379.5647, 0.3455,
0.3408

0.5478, 0.6313,
0.3687

0.0000, 0.0000,
0.0000

65.9047, 0.3719,
0.3489

65.9047, 0.3719,
0.3489

56.7014, 0.4002,
0.3561

76.3755, 0.3479,
0.3417

48.7352, 0.4331,
0.3626

88.1810, 0.3279,
0.3348

41.9459, 0.4700,
0.3678

100.0000, 0.3127,
0.3290

36.2758, 0.5093,
0.3704

■ 31.6621, 0.5481,
0.3695

■ 28.0350, 0.5819,
0.3642

■ 25.3110, 0.6073,
0.3552

■ 25.0862, 0.6094,
0.3543

Harmonies

Analogous

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



65.9047, 0.3598, 0.3240



65.9047, 0.3719, 0.3489



65.9047, 0.3672, 0.3703

Triad

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



65.9047, 0.3719, 0.3489



65.9047, 0.2898, 0.3593



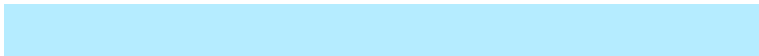
65.9047, 0.2774, 0.2796

Complementary

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



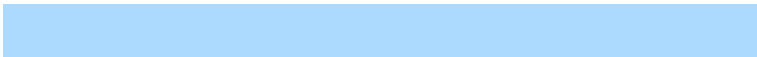
65.9047, 0.3719, 0.3489



77.0503, 0.2683, 0.3081

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.



65.9047, 0.2605, 0.2861



65.9047, 0.3719, 0.3489



65.9047, 0.2674, 0.3315

Square

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



65.9047, 0.3719, 0.3489



65.9047, 0.3190, 0.3782



65.9047, 0.2570, 0.3046



65.9047, 0.3042, 0.2853

Rectangle

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



65.9047, 0.3719, 0.3489



65.9047, 0.3554, 0.3794



65.9047, 0.2570, 0.3046



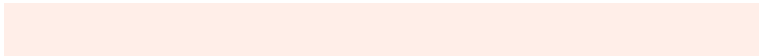
65.9047, 0.2704, 0.2804

Sweetspot

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



65.8981, 0.3719, 0.3489



88.2006, 0.3279, 0.3348



60.3971, 0.3303, 0.2734



18.4928, 0.3306, 0.3358



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

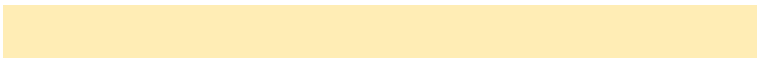
The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.8981, 0.3719, 0.3489



60.2438, 0.3883, 0.3532



84.8773, 0.3615, 0.3849



18.7441, 0.3288, 0.3352



13.3093, 0.6067, 0.3565



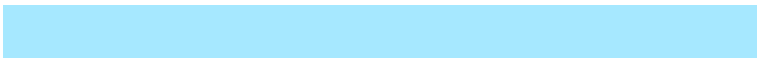
1.4626, 0.5849, 0.3738

Inverse Universe

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



77.0503, 0.2683, 0.3081



73.0761, 0.2597, 0.3031



58.1257, 0.2638, 0.2659



19.6464, 0.2980, 0.3228



23.1792, 0.2010, 0.2434



2.4326, 0.2040, 0.2544

Previews

White Background



This preview shows how the Yxy color 65.9047, 0.3719, 0.3489 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 65.9047, 0.3719, 0.3489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

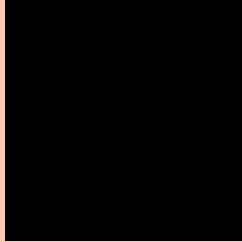
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.9047, 0.3719, 0.3489

Background



This preview shows how black text looks on a background with the Yxy color 65.9047, 0.3719, 0.3489.



This preview shows how white text looks on a background with the Yxy color 65.9047, 0.3719, 0.3489.

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

65.9047, 0.3719, 0.3489

Protanopia

66.2044, 0.3380, 0.3572

Deuteranopia

65.7141, 0.3626, 0.3549



Tritanopia

65.8957, 0.3485, 0.3147

Trichromacy



Original Color

65.9047, 0.3719, 0.3489

Protanomaly

66.1070, 0.3497, 0.3543

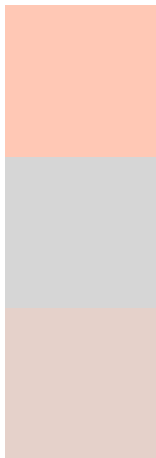
Deuteranomaly

65.9636, 0.3661, 0.3535

Tritanomaly

65.8183, 0.3571, 0.3271

Monochromacy



Original Color

65.9047, 0.3719, 0.3489

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

66.5232, 0.3330, 0.3367

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.9047, 0.3719, 0.3489 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, 200, 181)` looks like.

```
.text, #text, p{  
  color:rgb(255, 200, 181)  
}
```

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, 200, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 200, 181) }
```

Border

The CSS property to change the border of an element to Yxy 65.9047, 0.3719, 0.3489 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, 200, 181) }
```

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

```
.border{ border-color:rgb(255, 200, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 200, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 200, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 200, 181);  
box-shadow:4px 4px 4px 4px rgb(255, 200,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 65.9047, 0.3719, 0.3489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 200, 181) }
```

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

```
.background{ background-color: rgb(255,  
200, 181) }
```

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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