

Converting Colors

$Y_{xy}(73.7262, 0.3812, 0.3458)$

Have a look what the booklet for
Yxy(73.7262, 0.3812, 0.3458)
contains.

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Color

Yxy(69.0767, 0.3639, 0.3467)

Conversions

Conversions Part 1

Format	Color
Hex	FFCEBD
RGB	255, 206, 189
RGB Percent	100%, 81%, 74%
CMY	0.0000, 0.1922, 0.2588
CMYK	0.00, 0.19, 0.26, 0.00
HSL	15°, 100%, 87%
HSV	15°, 26%, 100%
XYZ	72.5036, 69.0767, 57.6602
YIQ	218.7130, 34.6610, 5.1010

Conversions

Conversions Part 2

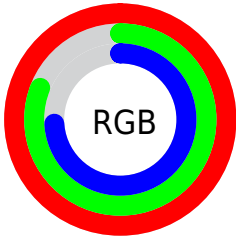
Format	Color
R _Y B	255, 212, 189
Decimal	16764605
CIE Lab	86.54, 14.86, 14.99
CIE LCh	87, 21.107, 45.241
Yxy	69.0767, 0.3639, 0.3467
Android (android.graphics.Color)	4294954685 (0xFFFFCEBD)
YUV	218.7130, -14.6485, 31.8237
Hunter-Lab	83.1124, 10.2689, 17.0455

Details

The Yxy color **69.0767, 0.3639, 0.3467** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.1965, 0.2730, 0.3105**, and the grayscale version is **70.7128, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3726, 0.3185, 0.3386**, and **36.1044, 0.3756, 0.3504** is the 20% darker color. If you saturate the color by 10%, you get **59.4890, 0.3908, 0.3539**, and if you desaturate by 10%, it is **79.9549, 0.3412, 0.3396**.

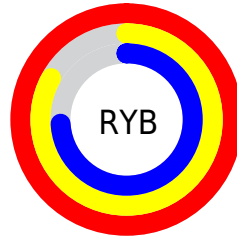
Distribution



Red (100%)

Green (81%)

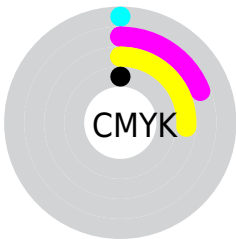
Blue (74%)



Red (100%)

Yellow (83%)

Blue (74%)

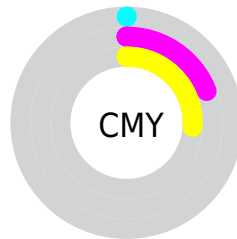


Cyan (0%)

Magenta (19%)

Yellow (26%)

Black (0%)



Cyan (0%)


Magenta (19%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.0767, 0.3639, 0.3467 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 69.0767, 0.3639, 0.3467 by changing the saturation by 10% instead.


 69.0767, 0.3639,
0.3467

 69.0767, 0.3639,
0.3467


457.3014, 0.3398,
0.3389

 50.7742, 0.3695,
0.3484


 117.8911, 0.3554,
0.3441

 36.0289, 0.3765,
0.3503


149.1718, 0.3522,
0.3431

 24.4565, 0.3854,
0.3527


185.5473, 0.3494,
0.3422

 15.6726, 0.3971,
0.3557

227.4021, 0.3470,
0.3414

 9.2928, 0.4133,
0.3593

275.1205, 0.3448,
0.3407

 4.9326, 0.4368,
0.3637

329.0869, 0.3429,

 2.2078, 0.4737,

0.3400

0.3684

389.6858, 0.3413,
0.3395

0.7242, 0.5961,
0.4039

0.0000, 0.0000,
0.0000

69.0767, 0.3639,
0.3467

69.0767, 0.3639,
0.3467

59.4890, 0.3908,
0.3539

79.9549, 0.3412,
0.3396

51.1465, 0.4222,
0.3608

92.1738, 0.3223,
0.3328

43.9959, 0.4579,
0.3665

100.0000, 0.3127,
0.3290

37.9809, 0.4968,
0.3701

■ 33.0406, 0.5360,
0.3704

■ 29.1079, 0.5719,
0.3665

■ 26.1069, 0.6000,
0.3583

■ 25.1147, 0.6092,
0.3545

Harmonies

Analogous

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



69.0767, 0.3535, 0.3249



69.0767, 0.3639, 0.3467



69.0767, 0.3598, 0.3651

Triad

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



69.0767, 0.3639, 0.3467



69.0767, 0.2928, 0.3550



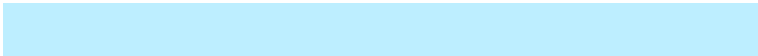
69.0767, 0.2822, 0.2860

Complementary

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



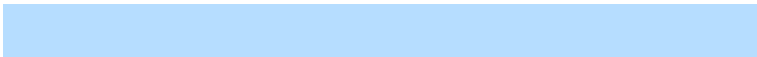
69.0767, 0.3639, 0.3467



79.1965, 0.2730, 0.3105

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.



69.0767, 0.2673, 0.2918



69.0767, 0.3639, 0.3467



69.0767, 0.2732, 0.3312

Square

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



69.0767, 0.3639, 0.3467



69.0767, 0.3182, 0.3712



69.0767, 0.2641, 0.3079



69.0767, 0.3056, 0.2909

Rectangle

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



69.0767, 0.3639, 0.3467



69.0767, 0.3497, 0.3727



69.0767, 0.2641, 0.3079



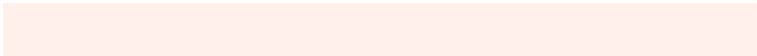
69.0767, 0.2761, 0.2867

Sweetspot

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



69.0754, 0.3639, 0.3467



89.4677, 0.3261, 0.3342



63.8618, 0.3280, 0.2795



18.7470, 0.3288, 0.3352



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

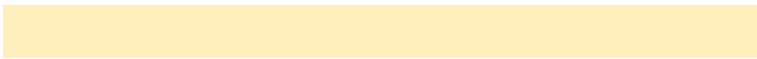
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.0754, 0.3639, 0.3467



64.0074, 0.3771, 0.3504



86.3765, 0.3558, 0.3787



18.7470, 0.3288, 0.3352



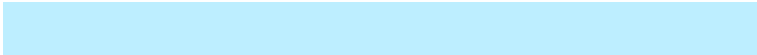
13.3248, 0.6065, 0.3567



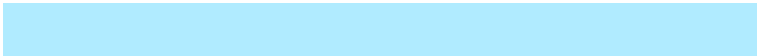
1.4645, 0.5847, 0.3740

Inverse Universe

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



79.1965, 0.2730, 0.3105



75.6614, 0.2654, 0.3064



61.9455, 0.2695, 0.2737



19.6433, 0.2980, 0.3227



23.1243, 0.2009, 0.2431



2.4276, 0.2039, 0.2541

Previews

White Background



This preview shows how the Yxy color 69.0767, 0.3639, 0.3467 looks on a white background.

Color Contrast Check

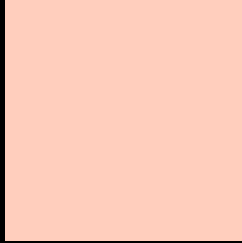
Large Text (above 18pt) WCAG AA × Fail

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 69.0767, 0.3639, 0.3467 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

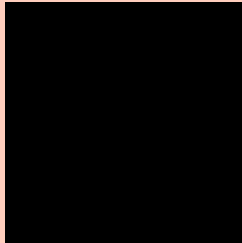
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.0767, 0.3639, 0.3467

Background



This preview shows how black text looks on a background with the Yxy color 69.0767, 0.3639, 0.3467.

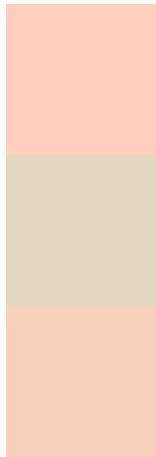


This preview shows how white text looks on a background with the Yxy color 69.0767, 0.3639, 0.3467.

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

69.0767, 0.3639, 0.3467

Protanopia

69.1755, 0.3354, 0.3534

Deuteranopia

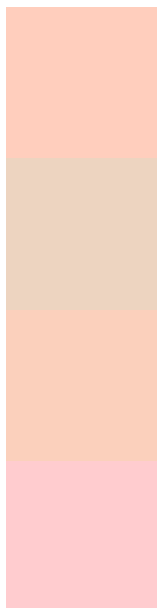
69.1882, 0.3583, 0.3512



Tritanopia

68.9816, 0.3429, 0.3148

Trichromacy



Original Color

69.0767, 0.3639, 0.3467

Protanomaly

68.8973, 0.3460, 0.3507

Deuteranomaly

69.2518, 0.3610, 0.3500

Tritanomaly

68.9507, 0.3504, 0.3260

Monochromacy



Original Color

69.0767, 0.3639, 0.3467

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

69.8030, 0.3303, 0.3355

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.0767, 0.3639, 0.3467 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, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 206, 189)  
}
```

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, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 206, 189) }
```

Border

The CSS property to change the border of an element to Yxy 69.0767, 0.3639, 0.3467 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, 189) }
```

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

```
.border{ border-color:rgb(255, 206, 189) }
```

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, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 206, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 206, 189); box-shadow:4px 4px 4px 4px rgb(255, 206, 189) }
```


Background

The CSS property to change the background color of an element to Yxy 69.0767, 0.3639, 0.3467 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, 189) }
```

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

```
.background{ background-color: rgb(255,  
206, 189) }
```

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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