

Converting Colors

$Yxy(69.3277, 0.3659, 0.3566)$

Have a look what the booklet for
Yxy(69.3277, 0.3659, 0.3566)
contains.

Yxy(69.1846, 0.3664, 0.3563)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(69.1846, 0.3664, 0.3563)

Conversions

Conversions Part 1

Format	Color
Hex	FCD0B6
RGB	252, 208, 182
RGB Percent	99%, 82%, 71%
CMY	0.0117, 0.1843, 0.2864
CMYK	0.00, 0.17, 0.28, 0.01
HSL	22°, 92%, 85%
HSV	22°, 28%, 99%
XYZ	71.1458, 69.1846, 53.8448
YIQ	218.1920, 34.5700, 1.2420

Conversions

Conversions Part 2

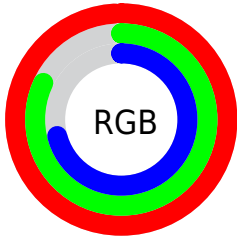
Format	Color
R _Y B	252, 223, 182
Decimal	16568502
CIE Lab	86.60, 11.76, 18.73
CIE LCh	87, 22.118, 57.873
Yxy	69.1846, 0.3664, 0.3563
Android (android.graphics.Color)	4294758582 (0xFFFC0B6)
YUV	218.1920, -17.8427, 29.6496
Hunter-Lab	83.1773, 7.1199, 19.8427

Details

The Yxy color **69.1846, 0.3664, 0.3563** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.3555, 0.2692, 0.2999**, and the grayscale version is **70.3594, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.9530, 0.3226, 0.3454**, and **36.1655, 0.3788, 0.3628** is the 20% darker color. If you saturate the color by 10%, you get **60.8976, 0.3919, 0.3666**, and if you desaturate by 10%, it is **78.4365, 0.3443, 0.3461**.

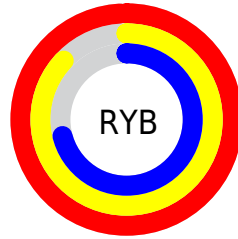
Distribution



Red (99%)

Green (82%)

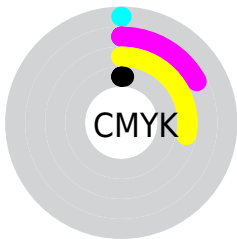
Blue (71%)



Red (99%)

Yellow (87%)

Blue (71%)

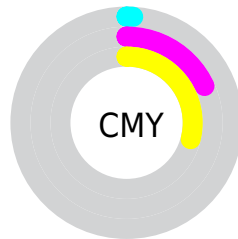


Cyan (0%)

Magenta (17%)

Yellow (28%)

Black (1%)



Cyan (1%)


Magenta (18%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.1846, 0.3664, 0.3563 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 69.1846, 0.3664, 0.3563 by changing the saturation by 10% instead.


 69.1846, 0.3664,
0.3563

 69.1846, 0.3664,
0.3563


457.6818, 0.3411,
0.3441

 50.8621, 0.3722,
0.3590

 118.0452, 0.3576,
0.3522

 36.0988, 0.3795,
0.3622


149.3521, 0.3542,
0.3505

 24.5105, 0.3887,
0.3661


185.7558, 0.3512,
0.3491

 15.7128, 0.4009,
0.3711

227.6408, 0.3487,
0.3478

 9.3211, 0.4174,
0.3773

275.3916, 0.3464,
0.3467

 4.9512, 0.4412,
0.3853

329.3924, 0.3445,

 2.2187, 0.4798,

0.3458

0.3966

390.0276, 0.3427,
0.3449

0.7301, 0.5753,
0.4247

0.0000, 0.0000,
0.0000

69.1846, 0.3664,
0.3563

69.1846, 0.3664,
0.3563

60.8976, 0.3919,
0.3666

78.4365, 0.3443,
0.3461

53.5333, 0.4209,
0.3763

88.6745, 0.3255,
0.3362

47.0605, 0.4529,
0.3845

99.4382, 0.3109,
0.3290

41.4420, 0.4867,
0.3900

■ 36.6378, 0.5204,
0.3916

■ 32.6037, 0.5509,
0.3880

■ 29.2881, 0.5758,
0.3792

■ 28.6429, 0.5808,
0.3770

Harmonies

Analogous

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



69.1846, 0.3618, 0.3343



69.1846, 0.3664, 0.3563



69.1846, 0.3559, 0.3724

Triad

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



69.1846, 0.3664, 0.3563



69.1846, 0.2821, 0.3462



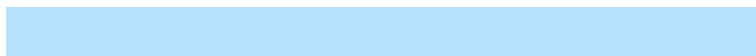
69.1846, 0.2902, 0.2849

Complementary

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



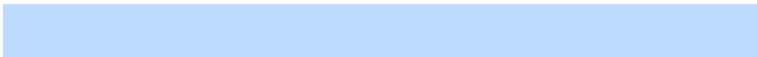
69.1846, 0.3664, 0.3563



71.3555, 0.2692, 0.2999

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.



69.1846, 0.2704, 0.2861



69.1846, 0.3664, 0.3563



69.1846, 0.2659, 0.3204

Square

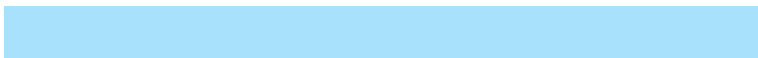
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.1846, 0.3664, 0.3563



69.1846, 0.3068, 0.3676



69.1846, 0.2617, 0.2986



69.1846, 0.3169, 0.2944

Rectangle

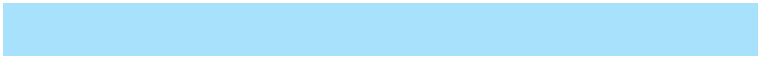
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.1846, 0.3664, 0.3563



69.1846, 0.3422, 0.3771



69.1846, 0.2617, 0.2986



69.1846, 0.2826, 0.2840

Sweetspot

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



69.1878, 0.3664, 0.3563



90.8474, 0.3258, 0.3364



59.6524, 0.3360, 0.2837



19.0928, 0.3285, 0.3379



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

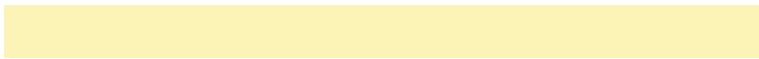
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.1878, 0.3664, 0.3563



66.4935, 0.3793, 0.3617



87.9818, 0.3572, 0.3902



18.2818, 0.3285, 0.3379



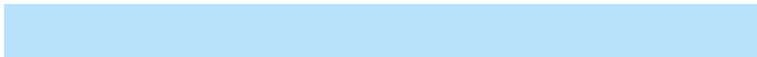
15.1768, 0.5778, 0.3794



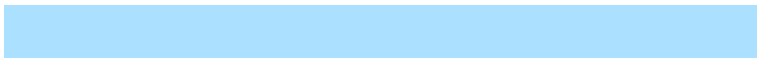
1.6011, 0.5553, 0.3973

Inverse Universe

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



71.3555, 0.2692, 0.2999



69.0257, 0.2611, 0.2936



54.3689, 0.2651, 0.2594



18.4608, 0.2980, 0.3200



16.7532, 0.1895, 0.2023



1.7546, 0.1942, 0.2191

Previews

White Background



This preview shows how the Yxy color 69.1846, 0.3664, 0.3563 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 69.1846, 0.3664, 0.3563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

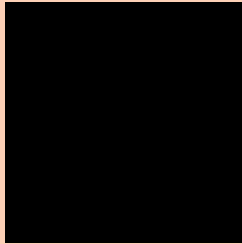
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.1846, 0.3664, 0.3563

Background



This preview shows how black text looks on a background with the Yxy color 69.1846, 0.3664, 0.3563.



This preview shows how white text looks on a background with the Yxy color 69.1846, 0.3664, 0.3563.

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

69.1846, 0.3664, 0.3563

Protanopia

69.1509, 0.3426, 0.3622

Deuteranopia

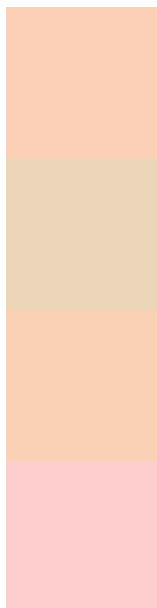
69.3023, 0.3645, 0.3575



Tritanopia

69.0338, 0.3421, 0.3138

Trichromacy



Original Color

69.1846, 0.3664, 0.3563

Protanomaly

69.0958, 0.3510, 0.3594

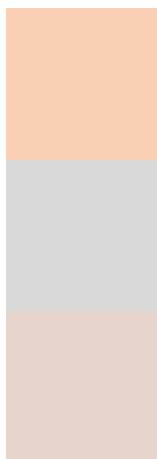
Deuteranomaly

69.4876, 0.3653, 0.3574

Tritanomaly

69.1413, 0.3509, 0.3291

Monochromacy



Original Color

69.1846, 0.3664, 0.3563

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

69.3239, 0.3309, 0.3388

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.1846, 0.3664, 0.3563 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(252, 208, 182)` looks like.

```
.text, #text, p{  
    color:rgb(252, 208, 182)  
}
```

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(252, 208, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 208, 182) }
```

Border

The CSS property to change the border of an element to Yxy 69.1846, 0.3664, 0.3563 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(252, 208, 182) }
```

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

```
.border{ border-color:rgb(252, 208, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 208, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 208, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 208, 182);  
box-shadow:4px 4px 4px 4px rgb(252, 208,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 69.1846, 0.3664, 0.3563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 208, 182) }
```

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

```
.background{ background-color: rgb(252,  
208, 182) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor