

Converting Colors

Yxy(68.9844, 0.3632, 0.3522)

Have a look what the booklet for
Yxy(68.9844, 0.3632, 0.3522)
contains.

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Color

Yxy(69.1662, 0.3625, 0.3521)

Conversions

Conversions Part 1

Format	Color
Hex	FBD0BA
RGB	251, 208, 186
RGB Percent	98%, 82%, 73%
CMY	0.0156, 0.1843, 0.2705
CMYK	0.00, 0.17, 0.26, 0.02
HSL	20°, 89%, 86%
HSV	20°, 26%, 98%
XYZ	71.2092, 69.1662, 56.0637
YIQ	218.3490, 32.6900, 2.2740

Conversions

Conversions Part 2

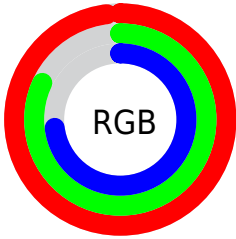
Format	Color
R _Y B	251, 219, 186
Decimal	16502970
CIE Lab	86.59, 11.94, 16.57
CIE LCh	87, 20.423, 54.235
Yxy	69.1662, 0.3625, 0.3521
Android (android.graphics.Color)	4294693050 (0xFFFBD0BA)
YUV	218.3490, -15.9481, 28.6349
Hunter-Lab	83.1662, 7.2956, 18.2480

Details

The Yxy color **69.1662, 0.3625, 0.3521** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.4713, 0.2724, 0.3046**, and the grayscale version is **70.4636, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1908, 0.3203, 0.3415**, and **36.2740, 0.3748, 0.3574** is the 20% darker color. If you saturate the color by 10%, you get **60.5117, 0.3879, 0.3615**, and if you desaturate by 10%, it is **78.8633, 0.3407, 0.3428**.

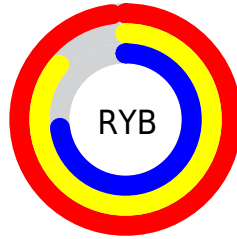
Distribution



Red (98%)

Green (82%)

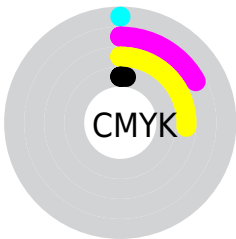
Blue (73%)



Red (98%)

Yellow (86%)

Blue (73%)

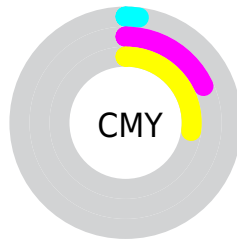


Cyan (0%)

Magenta (17%)

Yellow (26%)

Black (2%)



Cyan (2%)


Magenta (18%)

Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.1662, 0.3625, 0.3521 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 69.1662, 0.3625, 0.3521 by changing the saturation by 10% instead.


 69.1662, 0.3625,
0.3521

 69.1662, 0.3625,
0.3521


457.6169, 0.3391,
0.3418

 50.8471, 0.3679,
0.3544


 118.0189, 0.3543,
0.3486

 36.0869, 0.3747,
0.3571


149.3213, 0.3511,
0.3472

 24.5013, 0.3833,
0.3604


185.7203, 0.3484,
0.3460

 15.7059, 0.3946,
0.3646

227.6001, 0.3460,
0.3450

 9.3163, 0.4102,
0.3700

275.3453, 0.3440,
0.3440

 4.9481, 0.4327,
0.3768

329.3403, 0.3421,

 2.2168, 0.4681,

0.3432

0.3856

389.9694, 0.3405,
0.3424

0.7291, 0.5765,
0.4235

0.0000, 0.0000,
0.0000

69.1662, 0.3625,
0.3521

69.1662, 0.3625,
0.3521

60.5117, 0.3879,
0.3615

78.8633, 0.3407,
0.3428

52.8545, 0.4171,
0.3705

89.6276, 0.3222,
0.3340

46.1598, 0.4499,
0.3783

99.2527, 0.3103,
0.3290

40.3869, 0.4850,
0.3836

■ 35.4918, 0.5205,
0.3853

■ 31.4264, 0.5534,
0.3823

■ 28.1362, 0.5803,
0.3741

■ 26.9887, 0.5898,
0.3699

Harmonies

Analogous

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



69.1662, 0.3566, 0.3315



69.1662, 0.3625, 0.3521



69.1662, 0.3545, 0.3678

Triad

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



69.1662, 0.3625, 0.3521



69.1662, 0.2869, 0.3476



69.1662, 0.2893, 0.2877

Complementary

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



69.1662, 0.3625, 0.3521



73.4713, 0.2724, 0.3046

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.



69.1662, 0.2720, 0.2902



69.1662, 0.3625, 0.3521



69.1662, 0.2707, 0.3240

Square

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



69.1662, 0.3625, 0.3521



69.1662, 0.3104, 0.3662



69.1662, 0.2653, 0.3030



69.1662, 0.3135, 0.2953

Rectangle

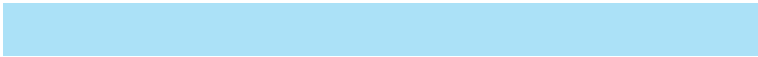
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.1662, 0.3625, 0.3521



69.1662, 0.3426, 0.3730



69.1662, 0.2653, 0.3030



69.1662, 0.2825, 0.2873

Sweetspot

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



69.1694, 0.3625, 0.3521



90.4403, 0.3259, 0.3358



61.3172, 0.3323, 0.2848



18.9907, 0.3286, 0.3371



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.



69.1694, 0.3625, 0.3521



66.9516, 0.3751, 0.3569



86.4885, 0.3545, 0.3839



18.1842, 0.3286, 0.3371



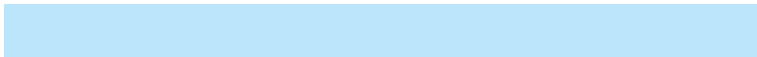
14.4245, 0.5868, 0.3723



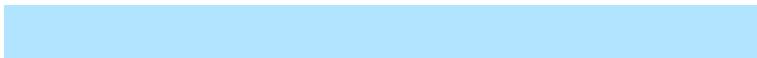
1.5235, 0.5638, 0.3905

Inverse Universe

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



73.4713, 0.2724, 0.3046



72.0819, 0.2646, 0.2991



57.2753, 0.2690, 0.2674



18.5622, 0.2980, 0.3208



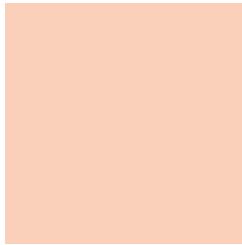
18.3036, 0.1929, 0.2143



1.8912, 0.1971, 0.2296

Previews

White Background



This preview shows how the Yxy color 69.1662, 0.3625, 0.3521 looks on a white background.

Color Contrast Check

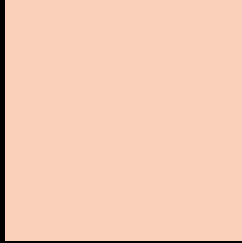
Large Text (above 18pt) WCAG AA × Fail

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 69.1662, 0.3625, 0.3521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

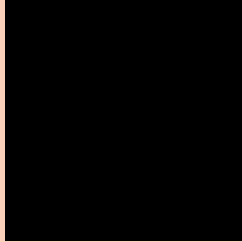
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.1662, 0.3625, 0.3521

Background



This preview shows how black text looks on a background with the Yxy color 69.1662, 0.3625, 0.3521.



This preview shows how white text looks on a background with the Yxy color 69.1662, 0.3625, 0.3521.

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

69.1662, 0.3625, 0.3521

Protanopia

69.1603, 0.3390, 0.3578

Deuteranopia

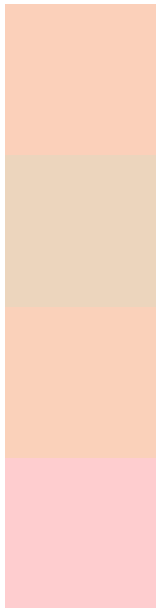
69.2858, 0.3607, 0.3533



Tritanopia

69.0863, 0.3413, 0.3128

Trichromacy



Original Color

69.1662, 0.3625, 0.3521

Protanomaly

69.0955, 0.3473, 0.3551

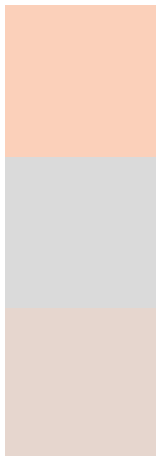
Deuteranomaly

69.4701, 0.3614, 0.3532

Tritanomaly

69.2385, 0.3494, 0.3271

Monochromacy



Original Color

69.1662, 0.3625, 0.3521

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

69.3724, 0.3302, 0.3377

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.1662, 0.3625, 0.3521 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(251, 208, 186)` looks like.

```
.text, #text, p{  
    color:rgb(251, 208, 186)  
}
```

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(251, 208, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 208, 186) }
```

Border

The CSS property to change the border of an element to Yxy 69.1662, 0.3625, 0.3521 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(251, 208, 186) }
```

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

```
.border{ border-color:rgb(251, 208, 186) }
```

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

Here you see how a box with a 4 pixel rgb(251, 208, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 208, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 208, 186);  
box-shadow:4px 4px 4px 4px rgb(251, 208,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 69.1662, 0.3625, 0.3521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 208, 186) }
```

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

```
.background{ background-color: rgb(251,  
208, 186) }
```

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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