

Converting Colors

$Yxy(69.3858, 0.3598, 0.3542)$

Have a look what the booklet for
Yxy(69.3858, 0.3598, 0.3542)
contains.

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Color

Yxy(69.5948, 0.3596, 0.3544)

Conversions

Conversions Part 1

Format	Color
Hex	F8D2BA
RGB	248, 210, 186
RGB Percent	97%, 82%, 73%
CMY	0.0275, 0.1764, 0.2706
CMYK	0.00, 0.15, 0.25, 0.03
HSL	23°, 82%, 85%
HSV	23°, 25%, 97%
XYZ	70.6159, 69.5948, 56.1628
YIQ	218.6260, 30.3520, 0.5920

Conversions

Conversions Part 2

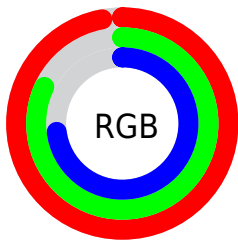
Format	Color
R _Y B	248, 225, 186
Decimal	16306874
CIE Lab	86.80, 9.76, 16.84
CIE LCh	87, 19.465, 59.907
Yxy	69.5948, 0.3596, 0.3544
Android (android.graphics.Color)	4294496954 (0xFFFF8D2BA)
YUV	218.6260, -16.0846, 25.7610
Hunter-Lab	83.4235, 5.1047, 18.4809

Details

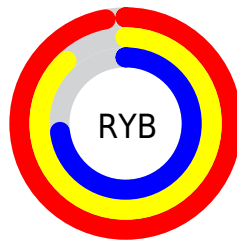
The Yxy color **69.5948, 0.3596, 0.3544** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.5084, 0.2735, 0.3021**, and the grayscale version is **70.6642, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1908, 0.3203, 0.3415**, and **36.5468, 0.3708, 0.3604** is the 20% darker color. If you saturate the color by 10%, you get **61.4843, 0.3838, 0.3651**, and if you desaturate by 10%, it is **78.6067, 0.3386, 0.3438**.

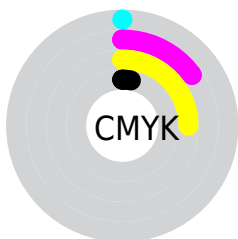
Distribution



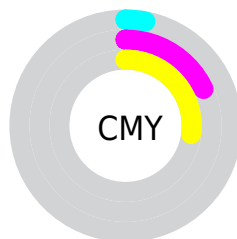
- Red (97%)
- Green (82%)
- Blue (73%)



- Red (97%)
- Yellow (88%)
- Blue (73%)



- Cyan (0%)
- Magenta (15%)
- Yellow (25%)
- Black (3%)




- Cyan (3%)
- Magenta (18%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.5948, 0.3596, 0.3544 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 69.5948, 0.3596, 0.3544 by changing the saturation by 10% instead.

 69.5948, 0.3596,
0.3544

 69.5948, 0.3596,
0.3544


459.1260, 0.3376,
0.3429

 51.1963, 0.3647,
0.3569

 118.6307, 0.3519,
0.3505

 36.3648, 0.3710,
0.3600


150.0369, 0.3489,
0.3490

 24.7161, 0.3791,
0.3638


186.5478, 0.3464,
0.3476

 15.8657, 0.3897,
0.3686

228.5477, 0.3441,
0.3464

 9.4291, 0.4042,
0.3749

276.4211, 0.3422,
0.3454

 5.0221, 0.4251,
0.3831

330.5523, 0.3405,

 2.2603, 0.4579,

0.3445

0.3943

391.3258, 0.3389,
0.3437

0.7526, 0.5602,
0.4398

0.0000, 0.0000,
0.0000

69.5948, 0.3596,
0.3544

69.5948, 0.3596,
0.3544

61.4843, 0.3838,
0.3651

78.6067, 0.3386,
0.3438

54.2366, 0.4114,
0.3755

88.5381, 0.3207,
0.3338

47.8237, 0.4421,
0.3846

98.6934, 0.3084,
0.3290

42.2129, 0.4748,
0.3914

■ 37.3683, 0.5079,
0.3945

■ 33.2512, 0.5389,
0.3928

■ 29.8173, 0.5651,
0.3856

■ 28.3336, 0.5763,
0.3806

Harmonies

Analogous

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



69.5948, 0.3565, 0.3353



69.5948, 0.3596, 0.3544



69.5948, 0.3497, 0.3678

Triad

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



69.5948, 0.3596, 0.3544



69.5948, 0.2846, 0.3426



69.5948, 0.2945, 0.2903

Complementary

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



69.5948, 0.3596, 0.3544



70.5084, 0.2735, 0.3021

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.



69.5948, 0.2763, 0.2908



69.5948, 0.3596, 0.3544



69.5948, 0.2708, 0.3201

Square

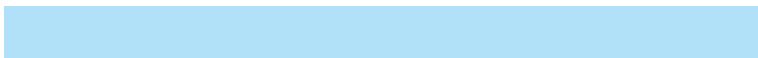
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.5948, 0.3596, 0.3544



69.5948, 0.3060, 0.3617



69.5948, 0.2679, 0.3013



69.5948, 0.3181, 0.2992

Rectangle

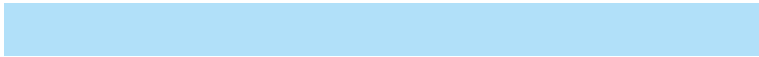
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.5948, 0.3596, 0.3544



69.5948, 0.3373, 0.3712



69.5948, 0.2679, 0.3013



69.5948, 0.2876, 0.2894

Sweetspot

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



69.5980, 0.3596, 0.3544



92.1242, 0.3241, 0.3358



60.4636, 0.3339, 0.2895



19.5780, 0.3251, 0.3364



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.



69.5980, 0.3596, 0.3544



69.6743, 0.3714, 0.3598



86.2619, 0.3522, 0.3848



18.3279, 0.3284, 0.3382



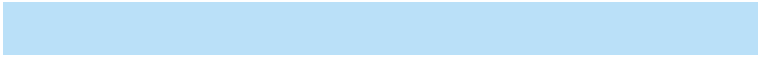
15.5601, 0.5734, 0.3829



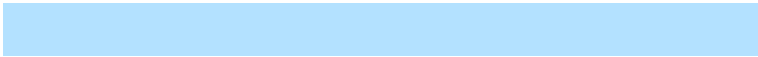
1.6399, 0.5513, 0.4005

Inverse Universe

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



70.5084, 0.2735, 0.3021



70.7898, 0.2656, 0.2959



55.4559, 0.2703, 0.2662



18.4132, 0.2980, 0.3196



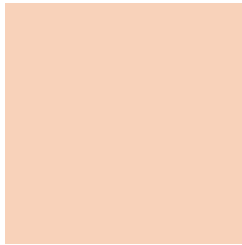
16.0574, 0.1880, 0.1966



1.6928, 0.1928, 0.2141

Previews

White Background



This preview shows how the Yxy color 69.5948, 0.3596, 0.3544 looks on a white background.

Color Contrast Check

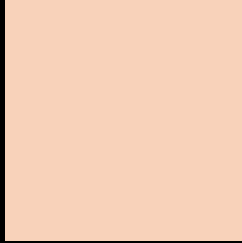
Large Text (above 18pt) WCAG AA × Fail

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 69.5948, 0.3596, 0.3544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

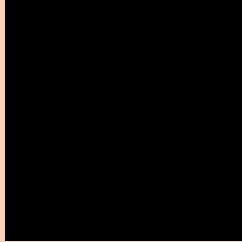
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.5948, 0.3596, 0.3544

Background



This preview shows how black text looks on a background with the Yxy color 69.5948, 0.3596, 0.3544.



This preview shows how white text looks on a background with the Yxy color 69.5948, 0.3596, 0.3544.

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

69.5948, 0.3596, 0.3544

Protanopia

69.7938, 0.3403, 0.3599

Deuteranopia

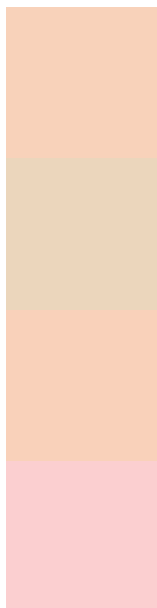
69.4701, 0.3614, 0.3532



Tritanopia

69.5785, 0.3372, 0.3127

Trichromacy



Original Color

69.5948, 0.3596, 0.3544

Protanomaly

69.3861, 0.3470, 0.3573

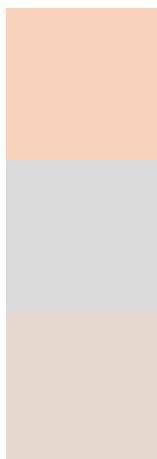
Deuteranomaly

69.2858, 0.3607, 0.3533

Tritanomaly

69.6889, 0.3459, 0.3281

Monochromacy



Original Color

69.5948, 0.3596, 0.3544

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.4397, 0.3292, 0.3388

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.5948, 0.3596, 0.3544 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(248, 210, 186)` looks like.

```
.text, #text, p{  
    color:rgb(248, 210, 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(248, 210, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 210, 186) }
```

Border

The CSS property to change the border of an element to Yxy 69.5948, 0.3596, 0.3544 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(248, 210, 186) }
```

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

```
.border{ border-color:rgb(248, 210, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 210, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(248, 210, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(248, 210, 186); box-shadow:4px 4px 4px 4px rgb(248, 210, 186) }
```


Background

The CSS property to change the background color of an element to Yxy 69.5948, 0.3596, 0.3544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 210, 186) }
```

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

```
.background{ background-color: rgb(248,  
210, 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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