

Converting Colors

Yxy(69.7352, 0.3646, 0.3644)

Have a look what the booklet for
Yxy(69.7352, 0.3646, 0.3644)
contains.

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Color

Yxy(69.5770, 0.3646, 0.3640)

Conversions

Conversions Part 1

Format	Color
Hex	F7D3B2
RGB	247, 211, 178
RGB Percent	97%, 83%, 70%
CMY	0.0313, 0.1725, 0.3019
CMYK	0.00, 0.15, 0.28, 0.03
HSL	29°, 81%, 83%
HSV	29°, 28%, 97%
XYZ	69.6917, 69.5770, 51.8769
YIQ	218.0020, 32.0490, -2.6310

Conversions

Conversions Part 2

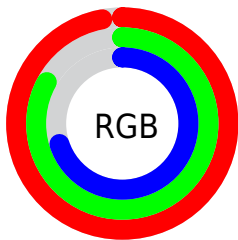
Format	Color
R _Y B	247, 241, 178
Decimal	16241586
CIE Lab	86.79, 7.81, 21.02
CIE LCh	87, 22.421, 69.605
Yxy	69.5770, 0.3646, 0.3640
Android (android.graphics.Color)	4294431666 (0xFFFF7D3B2)
YUV	218.0020, -19.7210, 25.4312
Hunter-Lab	83.4128, 3.1649, 21.5148

Details

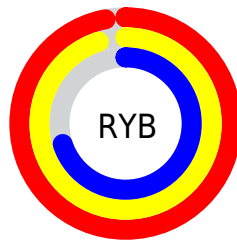
The Yxy color **69.5770, 0.3646, 0.3640** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **64.2833, 0.2682, 0.2912**, and the grayscale version is **70.2373, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7205, 0.3250, 0.3493**, and **36.5418, 0.3773, 0.3727** is the 20% darker color. If you saturate the color by 10%, you get **62.5253, 0.3881, 0.3771**, and if you desaturate by 10%, it is **77.3274, 0.3438, 0.3510**.

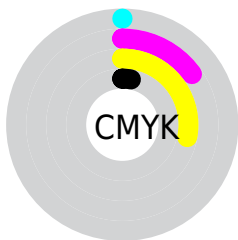
Distribution



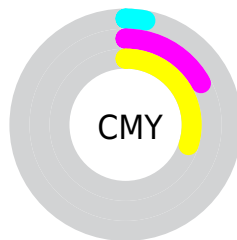
- Red (97%)
- Green (83%)
- Blue (70%)



- Red (97%)
- Yellow (95%)
- Blue (70%)



- Cyan (0%)
- Magenta (15%)
- Yellow (28%)
- Black (3%)





- Cyan (3%)
- Magenta (17%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.5770, 0.3646, 0.3640 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 69.5770, 0.3646, 0.3640 by changing the saturation by 10% instead.


 69.5770, 0.3646,
0.3640

 69.5770, 0.3646,
0.3640


459.0634, 0.3403,
0.3481

 51.1818, 0.3702,
0.3675


 118.6053, 0.3561,
0.3586

 36.3533, 0.3771,
0.3718

150.0072, 0.3528,
0.3564

 24.7072, 0.3859,
0.3771


186.5134, 0.3500,
0.3546

 15.8590, 0.3974,
0.3839

228.5084, 0.3476,
0.3530

 9.4244, 0.4129,
0.3926

276.3765, 0.3454,
0.3515

 5.0191, 0.4350,
0.4041

330.5020, 0.3435,

 2.2584, 0.4728,

0.3503

0.4233

391.2696, 0.3418,
0.3491

0.7516, 0.5468,
0.4532

0.0000, 0.0000,
0.0000

69.5770, 0.3646,
0.3640

69.5770, 0.3646,
0.3640

62.5253, 0.3881,
0.3771

77.3274, 0.3438,
0.3510

56.1411, 0.4141,
0.3894

85.7874, 0.3255,
0.3385

50.4048, 0.4420,
0.4002

94.9796, 0.3096,
0.3266

45.2917, 0.4709,
0.4081

98.5168, 0.3078,
0.3290

■ 40.7751, 0.4990,
0.4119

■ 36.8252, 0.5245,
0.4104

■ 33.4062, 0.5458,
0.4034

■ 32.7594, 0.5499,
0.4016

Harmonies

Analogous

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



69.5770, 0.3661, 0.3434



69.5770, 0.3646, 0.3640



69.5770, 0.3488, 0.3764

Triad

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



69.5770, 0.3646, 0.3640



69.5770, 0.2741, 0.3362



69.5770, 0.3000, 0.2870

Complementary

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



69.5770, 0.3646, 0.3640



64.2833, 0.2682, 0.2912

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.



69.5770, 0.2766, 0.2838



69.5770, 0.3646, 0.3640



69.5770, 0.2622, 0.3108

Square

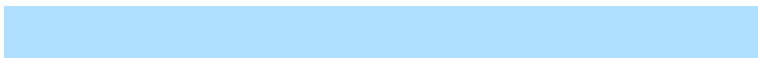
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.5770, 0.3646, 0.3640



69.5770, 0.2963, 0.3607



69.5770, 0.2631, 0.2920



69.5770, 0.3278, 0.3002

Rectangle

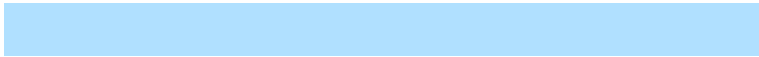
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.5770, 0.3646, 0.3640



69.5770, 0.3326, 0.3776



69.5770, 0.2631, 0.2920



69.5770, 0.2914, 0.2847

Sweetspot

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



69.5802, 0.3646, 0.3640



92.1498, 0.3256, 0.3385



56.5154, 0.3418, 0.2904



19.4200, 0.3282, 0.3404



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.



69.5802, 0.3646, 0.3640



70.0709, 0.3787, 0.3720



88.1231, 0.3556, 0.3968



17.7898, 0.3282, 0.3403



17.6039, 0.5472, 0.4037



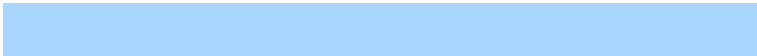
1.7517, 0.5270, 0.4198

Inverse Universe

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



64.2833, 0.2682, 0.2912



63.4407, 0.2582, 0.2814



48.9470, 0.2640, 0.2507



17.3577, 0.2980, 0.3174



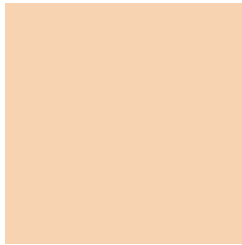
12.1273, 0.1792, 0.1650



1.2717, 0.1853, 0.1870

Previews

White Background



This preview shows how the Yxy color 69.5770, 0.3646, 0.3640 looks on a white background.

Color Contrast Check

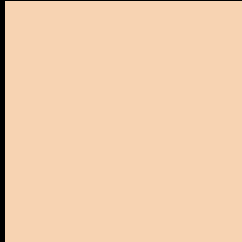
Large Text (above 18pt) WCAG AA × Fail

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 69.5770, 0.3646, 0.3640 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 69.5770, 0.3646, 0.3640

Background



This preview shows how black text looks on a background with the Yxy color 69.5770, 0.3646, 0.3640.



This preview shows how white text looks on a background with the Yxy color 69.5770, 0.3646, 0.3640.

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

69.5770, 0.3646, 0.3640

Protanopia

69.7849, 0.3475, 0.3687

Deuteranopia

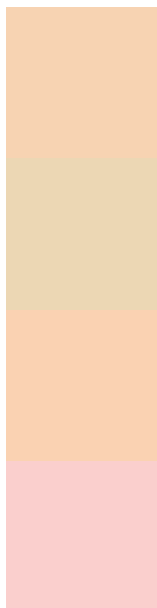
69.5107, 0.3691, 0.3615



Tritanopia

69.5785, 0.3372, 0.3127

Trichromacy



Original Color

69.5770, 0.3646, 0.3640

Protanomaly

69.7290, 0.3534, 0.3671

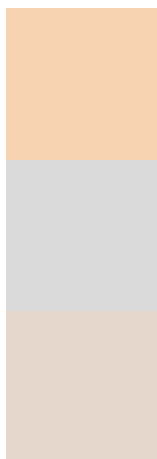
Deuteranomaly

69.6315, 0.3673, 0.3627

Tritanomaly

69.3574, 0.3474, 0.3312

Monochromacy



Original Color

69.5770, 0.3646, 0.3640

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

69.5707, 0.3314, 0.3421

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.5770, 0.3646, 0.3640 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(247, 211, 178)` looks like.

```
.text, #text, p{  
    color:rgb(247, 211, 178)  
}
```

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(247, 211, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 211, 178) }
```

Border

The CSS property to change the border of an element to Yxy 69.5770, 0.3646, 0.3640 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(247, 211, 178) }
```

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

```
.border{ border-color:rgb(247, 211, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 211, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 211, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 211, 178);  
box-shadow:4px 4px 4px 4px rgb(247, 211,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 69.5770, 0.3646, 0.3640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 211, 178) }
```

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

```
.background{ background-color: rgb(247,  
211, 178) }
```

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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