

Converting Colors

$Y_{xy}(70.2039, 0.3646, 0.3774)$

Have a look what the booklet for
Yxy(70.2039, 0.3646, 0.3774)
contains.

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Color

Yxy(70.2039, 0.3646, 0.3774)

Conversions

Conversions Part 1

Format	Color
Hex	F1D7AA
RGB	241, 215, 170
RGB Percent	95%, 84%, 67%
CMY	0.0550, 0.1568, 0.3334
CMYK	0.00, 0.11, 0.29, 0.06
HSL	38°, 72%, 81%
HSV	38°, 29%, 94%
XYZ	67.8228, 70.2039, 47.9931
YIQ	217.6440, 29.9410, -8.4830

Conversions

Conversions Part 2

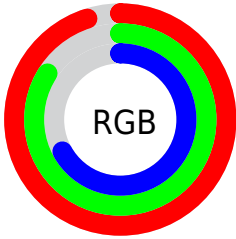
Format	Color
RYB	211, 241, 170
Decimal	15849386
CIELab	87.10, 2.42, 25.55
CIElCh	87, 25.660, 84.588
Yxy	70.2039, 0.3646, 0.3774
Android (android.graphics.Color)	4294039466 (0xFFFF1D7AA)
YUV	217.6440, -23.4885, 20.4832
Hunter-Lab	83.7878, -2.1400, 24.6905

Details

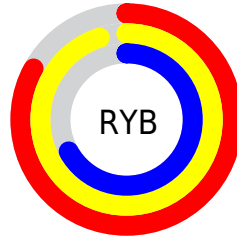
The Yxy color **70.2039, 0.3646, 0.3774** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **54.3413, 0.2642, 0.2752**, and the grayscale version is **70.0011, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.2162, 0.3304, 0.3582**, and **36.6400, 0.3765, 0.3874** is the 20% darker color. If you saturate the color by 10%, you get **65.0103, 0.3854, 0.3942**, and if you desaturate by 10%, it is **75.8127, 0.3453, 0.3605**.

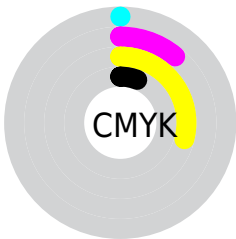
Distribution



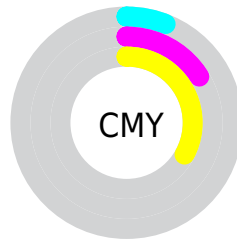
- Red (95%)
- Green (84%)
- Blue (67%)



- Red (83%)
- Yellow (95%)
- Blue (67%)



- Cyan (0%)
- Magenta (11%)
- Yellow (29%)
- Black (6%)





- Cyan (6%)
- Magenta (16%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.2039, 0.3646, 0.3774 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 70.2039, 0.3646, 0.3774 by changing the saturation by 10% instead.


 70.2039, 0.3646,
0.3774

 70.2039, 0.3646,
0.3774


461.2656, 0.3405,
0.3551

 51.6928, 0.3701,
0.3824


 119.4995, 0.3563,
0.3697

 36.7603, 0.3768,
0.3885


151.0527, 0.3530,
0.3667

 25.0219, 0.3853,
0.3961


187.7222, 0.3502,
0.3641

 16.0934, 0.3962,
0.4059

229.8921, 0.3478,
0.3619

 9.5903, 0.4106,
0.4186

277.9471, 0.3456,
0.3599

 5.1281, 0.4304,
0.4356

332.2714, 0.3437,

 2.3226, 0.4720,

0.3581

393.2494, 0.3420,
0.3566

0.4721

0.7857, 0.5063,
0.4937

0.0000, 0.0000,
0.0000

70.2039, 0.3646,
0.3774

70.2039, 0.3646,
0.3774

65.0103, 0.3854,
0.3942

75.8127, 0.3453,
0.3605

60.2093, 0.4074,
0.4100

81.8392, 0.3277,
0.3439

55.7903, 0.4298,
0.4239

88.2980, 0.3119,
0.3282

51.7382, 0.4516,
0.4345

94.4463, 0.3042,
0.3243

■ 48.0362, 0.4717,
0.4409

■ 97.4360, 0.3041,
0.3290

■ 44.6649, 0.4890,
0.4421

■ 41.5961, 0.5030,
0.4385

■ 41.4383, 0.5038,
0.4382

Harmonies

Analogous

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



70.2039, 0.3751, 0.3575



70.2039, 0.3646, 0.3774



70.2039, 0.3402, 0.3850

Triad

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



70.2039, 0.3646, 0.3774



70.2039, 0.2603, 0.3220



70.2039, 0.3138, 0.2876

Complementary

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



70.2039, 0.3646, 0.3774



54.3413, 0.2642, 0.2752

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.



70.2039, 0.2837, 0.2780



70.2039, 0.3646, 0.3774



70.2039, 0.2540, 0.2960

Square

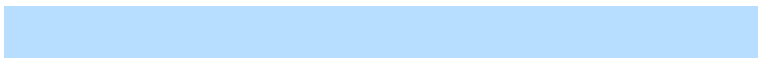
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.2039, 0.3646, 0.3774



70.2039, 0.2801, 0.3520



70.2039, 0.2624, 0.2806



70.2039, 0.3450, 0.3069

Rectangle

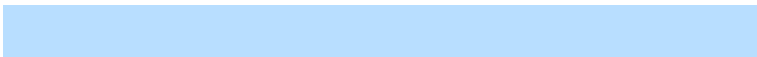
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.2039, 0.3646, 0.3774



70.2039, 0.3197, 0.3808



70.2039, 0.2624, 0.2806



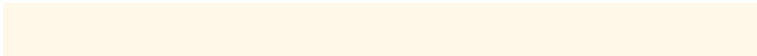
70.2039, 0.3032, 0.2832

Sweetspot

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



70.2071, 0.3646, 0.3774



93.3722, 0.3270, 0.3432



51.4221, 0.3544, 0.3007



19.7643, 0.3294, 0.3456



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.



70.2071, 0.3646, 0.3774



76.4442, 0.3762, 0.3869



82.8693, 0.3505, 0.4044



17.4308, 0.3277, 0.3439



22.7425, 0.5020, 0.4396



2.0808, 0.4883, 0.4505

Inverse Universe

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



54.3413, 0.2642, 0.2752



55.8614, 0.2542, 0.2630



44.7259, 0.2675, 0.2445



16.1749, 0.2980, 0.3136



7.4727, 0.1657, 0.1166



0.8050, 0.1730, 0.1428

Previews

White Background



This preview shows how the Yxy color 70.2039, 0.3646, 0.3774 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 70.2039, 0.3646, 0.3774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

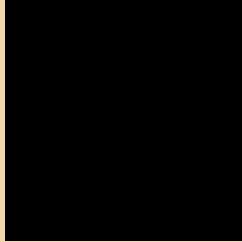
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 70.2039, 0.3646, 0.3774

Background



This preview shows how black text looks on a background with the Yxy color 70.2039, 0.3646, 0.3774.



This preview shows how white text looks on a background with the Yxy color 70.2039, 0.3646, 0.3774.

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

70.2039, 0.3646, 0.3774

Protanopia

70.2389, 0.3560, 0.3806

Deuteranopia

70.3317, 0.3758, 0.3684



Tritanopia

70.2677, 0.3308, 0.3126

Trichromacy



Original Color

70.2039, 0.3646, 0.3774

Protanomaly

70.2282, 0.3586, 0.3791

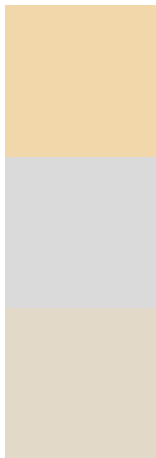
Deuteranomaly

70.3512, 0.3719, 0.3721

Tritanomaly

70.3606, 0.3436, 0.3364

Monochromacy



Original Color

70.2039, 0.3646, 0.3774

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.0115, 0.3303, 0.3466

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.2039, 0.3646, 0.3774 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(241, 215, 170)` looks like.

```
.text, #text, p{  
    color:rgb(241, 215, 170)  
}
```

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(241, 215, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 215, 170) }
```

Border

The CSS property to change the border of an element to Yxy 70.2039, 0.3646, 0.3774 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(241, 215, 170) }
```

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

```
.border{ border-color:rgb(241, 215, 170) }
```

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

Here you see how a box with a 4 pixel rgb(241, 215, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 215, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 215, 170);  
box-shadow:4px 4px 4px 4px rgb(241, 215,  
170) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 70.2039, 0.3646, 0.3774$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 215, 170) }
```

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

```
.background{ background-color: rgb(241,  
215, 170) }
```

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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