

Converting Colors

$Y_{xy}(70.2442, 0.3760, 0.3806)$

Have a look what the booklet for
Yxy(70.2442, 0.3760, 0.3806)
contains.

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Color

Yxy(70.4086, 0.3760, 0.3806)

Conversions

Conversions Part 1

Format	Color
Hex	F9D5A4
RGB	249, 213, 164
RGB Percent	98%, 84%, 64%
CMY	0.0236, 0.1647, 0.3570
CMYK	0.00, 0.14, 0.34, 0.02
HSL	35°, 88%, 81%
HSV	35°, 34%, 98%
XYZ	69.5576, 70.4086, 45.0275
YIQ	218.1780, 37.1850, -7.6070

Conversions

Conversions Part 2

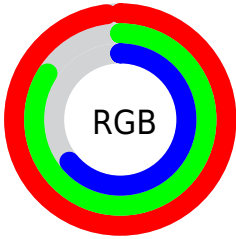
Format	Color
RYB	226, 249, 164
Decimal	16373156
CIELab	87.20, 5.77, 28.92
CIELCh	87, 29.489, 78.724
Yxy	70.4086, 0.3760, 0.3806
Android (android.graphics.Color)	4294563236 (0xFFFF9D5A4)
YUV	218.1780, -26.7098, 27.0309
Hunter-Lab	83.9098, 1.1266, 26.9208

Details

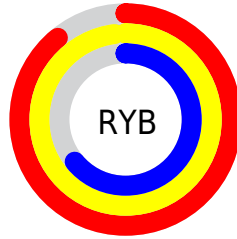
The Yxy color $70.4086, 0.3760, 0.3806$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $56.0110, 0.2566, 0.2710$, and the grayscale version is $70.4085, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.8945, 0.3339, 0.3641$, and $36.6999, 0.3905, 0.3912$ is the 20% darker color. If you saturate the color by 10%, you get $64.4687, 0.3988, 0.3958$, and if you desaturate by 10%, it is $76.8755, 0.3550, 0.3650$.

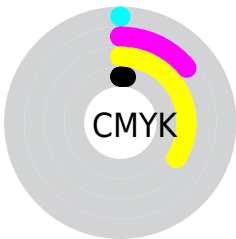
Distribution



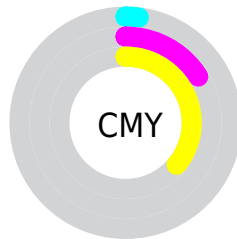
- Red (98%)
- Green (84%)
- Blue (64%)



- Red (89%)
- Yellow (98%)
- Blue (64%)



- Cyan (0%)
- Magenta (14%)
- Yellow (34%)
- Black (2%)





- Cyan (2%)
- Magenta (16%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.4086, 0.3760, 0.3806 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 70.4086, 0.3760, 0.3806 by changing the saturation by 10% instead.


 70.4086, 0.3760,
0.3806


 70.4086, 0.3760,
0.3806

461.9834, 0.3466,
0.3572

 51.8597, 0.3827,
0.3857


 119.7913, 0.3658,
0.3726

 36.8933, 0.3908,
0.3920


 151.3938, 0.3619,
0.3695

 25.1249, 0.4011,
0.3996


188.1164, 0.3584,
0.3668

 16.1701, 0.4142,
0.4092

230.3434, 0.3555,
0.3644

 9.6446, 0.4314,
0.4213

278.4592, 0.3529,
0.3623

 5.1640, 0.4547,
0.4365

332.8482, 0.3505,

 2.3438, 0.5115,

0.3604

0.4780

393.8948, 0.3485,
0.3587

0.7967, 0.5302,
0.4698

0.0000, 0.0000,
0.0000

70.4086, 0.3760,
0.3806

70.4086, 0.3760,
0.3806

64.4687, 0.3988,
0.3958

76.8755, 0.3550,
0.3650

59.0293, 0.4229,
0.4096

83.8754, 0.3361,
0.3496

54.0756, 0.4474,
0.4209

91.4266, 0.3192,
0.3349

49.5877, 0.4713,
0.4285

98.8787, 0.3090,
0.3290

■ 45.5437, 0.4930,
0.4312

■ 41.9180, 0.5113,
0.4285

■ 39.9725, 0.5206,
0.4248

Harmonies

Analogous

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



70.4086, 0.3844, 0.3557



70.4086, 0.3760, 0.3806



70.4086, 0.3503, 0.3932

Triad

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



70.4086, 0.3760, 0.3806



70.4086, 0.2562, 0.3274



70.4086, 0.3067, 0.2788

Complementary

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



70.4086, 0.3760, 0.3806



56.0110, 0.2566, 0.2710

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.



70.4086, 0.2737, 0.2704



70.4086, 0.3760, 0.3806



70.4086, 0.2459, 0.2959

Square

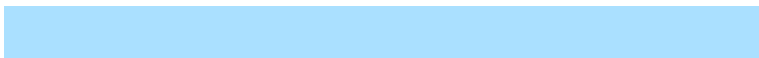
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.4086, 0.3760, 0.3806



70.4086, 0.2811, 0.3619



70.4086, 0.2522, 0.2759



70.4086, 0.3431, 0.2988

Rectangle

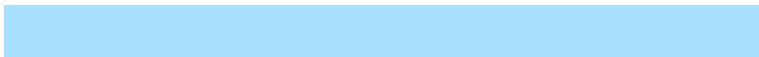
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.4086, 0.3760, 0.3806



70.4086, 0.3275, 0.3913



70.4086, 0.2522, 0.2759



70.4086, 0.2948, 0.2746

Sweetspot

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



70.4119, 0.3760, 0.3806



91.7724, 0.3288, 0.3434



50.8843, 0.3584, 0.2901



19.4058, 0.3312, 0.3455



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.



70.4119, 0.3760, 0.3806



69.9447, 0.3916, 0.3912



89.5394, 0.3603, 0.4155



18.8881, 0.3279, 0.3427



21.6853, 0.5185, 0.4265



2.2184, 0.5034, 0.4385

Inverse Universe

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



56.0110, 0.2566, 0.2710



52.6393, 0.2448, 0.2569



41.8817, 0.2547, 0.2276



17.8504, 0.2979, 0.3149



9.3768, 0.1703, 0.1329



1.0734, 0.1767, 0.1561

Previews

White Background



This preview shows how the Yxy color 70.4086, 0.3760, 0.3806 looks on a white background.

Color Contrast Check

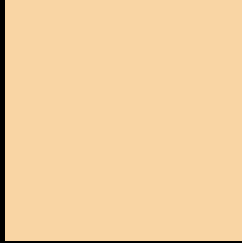
Large Text (above 18pt) WCAG AA × Fail

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 70.4086, 0.3760, 0.3806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

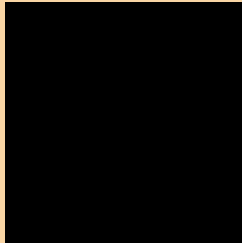
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 70.4086, 0.3760, 0.3806

Background



This preview shows how black text looks on a background with the Yxy color 70.4086, 0.3760, 0.3806.



This preview shows how white text looks on a background with the Yxy color 70.4086, 0.3760, 0.3806.

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

70.4086, 0.3760, 0.3806

Protanopia

70.3884, 0.3611, 0.3858

Deuteranopia

70.2178, 0.3781, 0.3715



Tritanopia

70.1431, 0.3395, 0.3129

Trichromacy



Original Color

70.4086, 0.3760, 0.3806

Protanomaly

70.1791, 0.3663, 0.3840

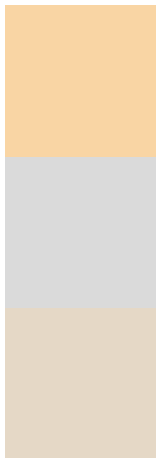
Deuteranomaly

70.2612, 0.3776, 0.3749

Tritanomaly

70.1645, 0.3534, 0.3374

Monochromacy



Original Color

70.4086, 0.3760, 0.3806

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

69.8470, 0.3348, 0.3487

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.4086, 0.3760, 0.3806 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(249, 213, 164)` looks like.

```
.text, #text, p{  
    color:rgb(249, 213, 164)  
}
```

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(249, 213, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 213, 164) }
```

Border

The CSS property to change the border of an element to Yxy 70.4086, 0.3760, 0.3806 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(249, 213, 164) }
```

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

```
.border{ border-color:rgb(249, 213, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 213, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 213, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 213, 164);  
box-shadow:4px 4px 4px 4px rgb(249, 213,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 70.4086, 0.3760, 0.3806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 213, 164) }
```

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

```
.background{ background-color: rgb(249,  
213, 164) }
```

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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