

Converting Colors

$Y_{xy}(74.0843, 0.3889, 0.3784)$

Have a look what the booklet for
Yxy(74.0843, 0.3889, 0.3784)
contains.

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Color

Yxy(72.0335, 0.3804, 0.3806)

Conversions

Conversions Part 1

Format	Color
Hex	FFD6A4
RGB	255, 214, 164
RGB Percent	100%, 84%, 64%
CMY	0.0000, 0.1608, 0.3568
CMYK	0.00, 0.16, 0.36, 0.00
HSL	33°, 100%, 82%
HSV	33°, 36%, 100%
XYZ	71.9956, 72.0335, 45.2339
YIQ	220.5590, 40.4860, -6.8580

Conversions

Conversions Part 2

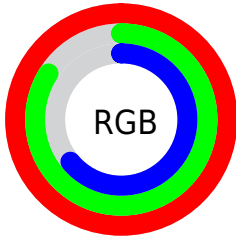
Format	Color
R _Y B	239, 255, 164
Decimal	16766628
CIE Lab	87.98, 7.57, 30.05
CIE LCh	88, 30.991, 75.854
Yxy	72.0335, 0.3804, 0.3806
Android (android.graphics.Color)	4294956708 (0xFFFFD6A4)
YUV	220.5590, -27.8836, 30.2048
Hunter-Lab	84.8726, 2.8909, 27.8115

Details

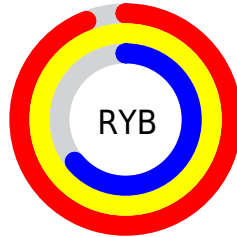
The Yxy color **72.0335, 0.3804, 0.3806** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **58.7817, 0.2543, 0.2709**, and the grayscale version is **72.1565, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.8945, 0.3339, 0.3641**, and **37.8364, 0.3962, 0.3909** is the 20% darker color. If you saturate the color by 10%, you get **65.5878, 0.4041, 0.3950**, and if you desaturate by 10%, it is **79.0701, 0.3586, 0.3657**.

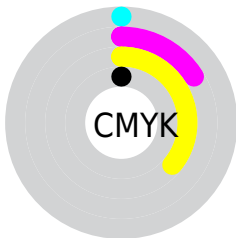
Distribution



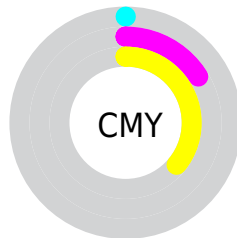
- Red (100%)
- Green (84%)
- Blue (64%)



- Red (94%)
- Yellow (100%)
- Blue (64%)



- Cyan (0%)
- Magenta (16%)
- Yellow (36%)
- Black (0%)





- Cyan (0%)
- Magenta (16%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.0335, 0.3804, 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 72.0335, 0.3804, 0.3806 by changing the saturation by 10% instead.


 72.0335, 0.3804,
0.3806


 72.0335, 0.3804,
0.3806


467.6582, 0.3491,
0.3575

 53.1860, 0.3875,
0.3856


 122.1042, 0.3696,
0.3728

 37.9513, 0.3961,
0.3917


 154.0961, 0.3654,
0.3697

 25.9449, 0.4069,
0.3990

191.2384, 0.3617,
0.3670

 16.7824, 0.4207,
0.4081

233.9154, 0.3585,
0.3646

 10.0795, 0.4388,
0.4194

282.5115, 0.3557,
0.3625

 5.4517, 0.4630,
0.4332

337.4110, 0.3533,

 2.5146, 0.5185,

0.3606

0.4690

398.9985, 0.3511,
0.3590

0.8840, 0.5402,
0.4598

0.0000, 0.0000,
0.0000

72.0335, 0.3804,
0.3806

72.0335, 0.3804,
0.3806

65.5878, 0.4041,
0.3950

79.0701, 0.3586,
0.3657

59.7197, 0.4293,
0.4079

86.7223, 0.3390,
0.3509

54.4062, 0.4550,
0.4181

95.0051, 0.3217,
0.3367

49.6244, 0.4800,
0.4244

100.0000, 0.3127,
0.3290

■ 45.3488, 0.5026,
0.4257

■ 41.5496, 0.5216,
0.4214

■ 40.0418, 0.5289,
0.4183

Harmonies

Analogous

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



72.0335, 0.3873, 0.3538



72.0335, 0.3804, 0.3806



72.0335, 0.3550, 0.3955

Triad

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



72.0335, 0.3804, 0.3806



72.0335, 0.2557, 0.3307



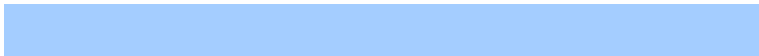
72.0335, 0.3027, 0.2754

Complementary

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



72.0335, 0.3804, 0.3806



58.7817, 0.2543, 0.2709

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.



72.0335, 0.2693, 0.2679



72.0335, 0.3804, 0.3806



72.0335, 0.2435, 0.2971

Square

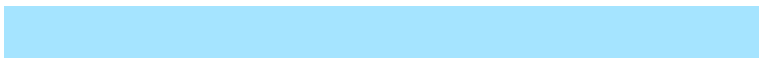
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.0335, 0.3804, 0.3806



72.0335, 0.2829, 0.3665



72.0335, 0.2484, 0.2750



72.0335, 0.3409, 0.2952

Rectangle

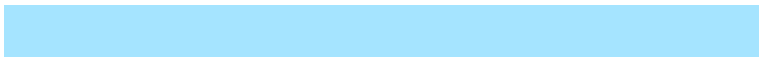
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.0335, 0.3804, 0.3806



72.0335, 0.3316, 0.3950



72.0335, 0.2484, 0.2750



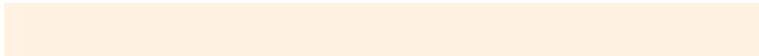
72.0335, 0.2906, 0.2714

Sweetspot

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



72.0314, 0.3804, 0.3806



90.5218, 0.3306, 0.3442



52.2927, 0.3584, 0.2852



19.1369, 0.3330, 0.3461



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.



72.0314, 0.3804, 0.3806



67.2595, 0.3976, 0.3912



94.8899, 0.3645, 0.4188



19.6414, 0.3280, 0.3421



21.2253, 0.5266, 0.4201



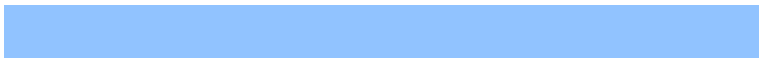
2.2850, 0.5110, 0.4325

Inverse Universe

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



58.7817, 0.2543, 0.2709



52.1954, 0.2420, 0.2564



41.9935, 0.2495, 0.2216



18.7258, 0.2979, 0.3156



10.4577, 0.1726, 0.1413



1.2328, 0.1786, 0.1630

Previews

White Background



This preview shows how the Yxy color 72.0335, 0.3804, 0.3806 looks on a white background.

Color Contrast Check

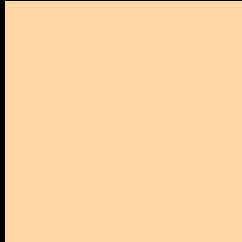
Large Text (above 18pt) WCAG AA × Fail

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 72.0335, 0.3804, 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 72.0335, 0.3804, 0.3806

Background



This preview shows how black text looks on a background with the Yxy color 72.0335, 0.3804, 0.3806.



This preview shows how white text looks on a background with the Yxy color 72.0335, 0.3804, 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

72.0335, 0.3804, 0.3806

Protanopia

72.3358, 0.3611, 0.3874

Deuteranopia

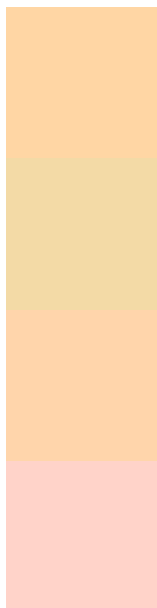
71.9436, 0.3726, 0.3683



Tritanopia

72.1349, 0.3382, 0.3159

Trichromacy



Original Color

72.0335, 0.3804, 0.3806

Protanomaly

71.9507, 0.3681, 0.3844

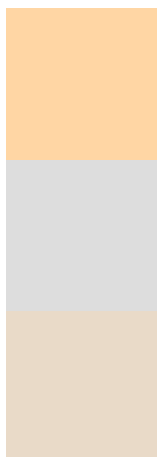
Deuteranomaly

71.7888, 0.3756, 0.3725

Tritanomaly

72.0656, 0.3535, 0.3394

Monochromacy



Original Color

72.0335, 0.3804, 0.3806

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

71.6366, 0.3361, 0.3485

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.0335, 0.3804, 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(255, 214, 164)` looks like.

```
.text, #text, p{  
    color:rgb(255, 214, 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(255, 214, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 214, 164) }
```

Border

The CSS property to change the border of an element to Yxy 72.0335, 0.3804, 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(255, 214, 164) }
```

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

```
.border{ border-color:rgb(255, 214, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 214, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 214, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 214, 164);  
box-shadow:4px 4px 4px 4px rgb(255, 214,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 72.0335, 0.3804, 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(255, 214, 164) }
```

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

```
.background{ background-color: rgb(255,  
214, 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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