

Converting Colors

$Yxy(71.0464, 0.3759, 0.3842)$

Have a look what the booklet for
Yxy(71.0464, 0.3759, 0.3842)
contains.

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Color

Yxy(71.1660, 0.3760, 0.3848)

Conversions

Conversions Part 1

Format	Color
Hex	F8D7A2
RGB	248, 215, 162
RGB Percent	97%, 84%, 64%
CMY	0.0273, 0.1569, 0.3648
CMYK	0.00, 0.13, 0.35, 0.03
HSL	37°, 86%, 80%
HSV	37°, 35%, 97%
XYZ	69.5385, 71.1660, 44.2383
YIQ	218.8250, 36.6810, -9.4870

Conversions

Conversions Part 2

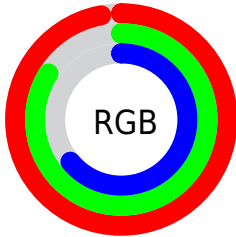
Format	Color
R _{YB}	216, 248, 162
Decimal	16308130
CIE _{Lab}	87.57, 4.14, 30.43
CIE _{LCh}	88, 30.711, 82.261
Y _{xy}	71.1660, 0.3760, 0.3848
Android (android.graphics.Color)	4294498210 (0xFFFF8D7A2)
YUV	218.8250, -28.0147, 25.5865
Hunter-Lab	84.3599, -0.4911, 27.9603

Details

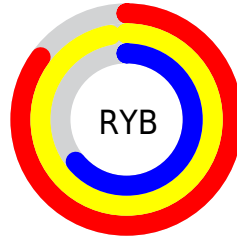
The Yxy color **71.1660, 0.3760, 0.3848** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **53.4868, 0.2551, 0.2657**, and the grayscale version is **70.8917, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7898, 0.3352, 0.3661**, and **37.2146, 0.3902, 0.3966** is the 20% darker color. If you saturate the color by 10%, you get **65.6648, 0.3979, 0.4008**, and if you desaturate by 10%, it is **77.1298, 0.3555, 0.3683**.

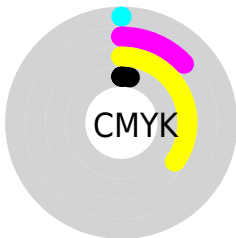
Distribution



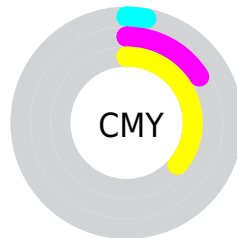
- Red (97%)
- Green (84%)
- Blue (64%)



- Red (85%)
- Yellow (97%)
- Blue (64%)



- Cyan (0%)
- Magenta (13%)
- Yellow (35%)
- Black (3%)





- Cyan (3%)
- Magenta (16%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.1660, 0.3760, 0.3848 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 71.1660, 0.3760, 0.3848 by changing the saturation by 10% instead.


 71.1660, 0.3760,
0.3848

 71.1660, 0.3760,
0.3848


464.6335, 0.3468,
0.3595

 52.4777, 0.3826,
0.3904


 120.8701, 0.3659,
0.3762

 37.3860, 0.3906,
0.3971


 152.6546, 0.3620,
0.3727

 25.5065, 0.4007,
0.4055


189.5733, 0.3586,
0.3698

 16.4548, 0.4135,
0.4159

232.0106, 0.3556,
0.3672

 9.8465, 0.4301,
0.4291

280.3509, 0.3530,
0.3649

 5.2973, 0.4522,
0.4457

334.9785, 0.3507,

 2.4228, 0.5084,

0.3629

0.4916

396.2779, 0.3486,
0.3611

0.8376, 0.5175,
0.4825

0.0000, 0.0000,
0.0000

71.1660, 0.3760,
0.3848

71.1660, 0.3760,
0.3848

65.6648, 0.3979,
0.4008

77.1298, 0.3555,
0.3683

60.6013, 0.4208,
0.4154

83.5605, 0.3368,
0.3519

55.9626, 0.4438,
0.4273

90.4746, 0.3200,
0.3361

51.7309, 0.4657,
0.4355

97.4802, 0.3085,
0.3271

■ 47.8862, 0.4853,
0.4388

■ 98.7016, 0.3084,
0.3290

■ 44.4047, 0.5016,
0.4367

■ 42.6900, 0.5091,
0.4339

Harmonies

Analogous

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



71.1660, 0.3872, 0.3600



71.1660, 0.3760, 0.3848



71.1660, 0.3477, 0.3960

Triad

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



71.1660, 0.3760, 0.3848



71.1660, 0.2520, 0.3230



71.1660, 0.3108, 0.2790

Complementary

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



71.1660, 0.3760, 0.3848



53.4868, 0.2551, 0.2657

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.



71.1660, 0.2758, 0.2686



71.1660, 0.3760, 0.3848



71.1660, 0.2434, 0.2914

Square

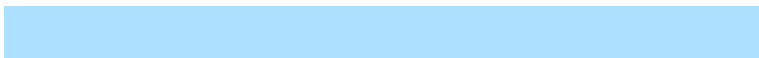
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.1660, 0.3760, 0.3848



71.1660, 0.2762, 0.3592



71.1660, 0.2518, 0.2725



71.1660, 0.3484, 0.3008

Rectangle

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



71.1660, 0.3760, 0.3848



71.1660, 0.3236, 0.3924



71.1660, 0.2518, 0.2725



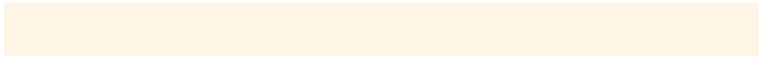
71.1660, 0.2984, 0.2741

Sweetspot

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



71.1693, 0.3760, 0.3848



92.3789, 0.3287, 0.3444



49.7947, 0.3621, 0.2925



19.5527, 0.3311, 0.3466



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.



71.1693, 0.3760, 0.3848



71.4349, 0.3920, 0.3967



88.1840, 0.3590, 0.4175



19.0063, 0.3278, 0.3436



23.3352, 0.5073, 0.4354



2.3663, 0.4940, 0.4460

Inverse Universe

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



53.4868, 0.2551, 0.2657



49.9040, 0.2422, 0.2495



41.2190, 0.2557, 0.2263



17.7351, 0.2979, 0.3140



8.3508, 0.1670, 0.1213



0.9715, 0.1736, 0.1449

Previews

White Background



This preview shows how the Yxy color 71.1660, 0.3760, 0.3848 looks on a white background.

Color Contrast Check

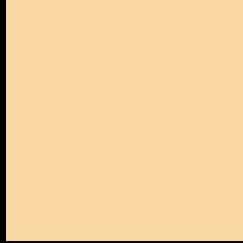
Large Text (above 18pt) WCAG AA × Fail

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 71.1660, 0.3760, 0.3848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

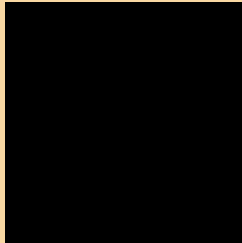
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.1660, 0.3760, 0.3848

Background



This preview shows how black text looks on a background with the Yxy color 71.1660, 0.3760, 0.3848.



This preview shows how white text looks on a background with the Yxy color 71.1660, 0.3760, 0.3848.

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

71.1660, 0.3760, 0.3848

Protanopia

71.0055, 0.3630, 0.3888

Deuteranopia

71.2872, 0.3759, 0.3715



Tritanopia

71.2134, 0.3378, 0.3129

Trichromacy



Original Color

71.1660, 0.3760, 0.3848

Protanomaly

71.3124, 0.3679, 0.3880

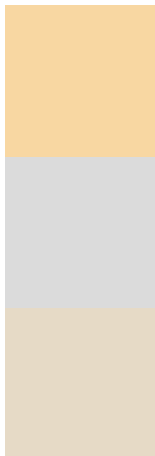
Deuteranomaly

71.1111, 0.3754, 0.3760

Tritanomaly

71.0057, 0.3514, 0.3384

Monochromacy



Original Color

71.1660, 0.3760, 0.3848

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

71.0430, 0.3353, 0.3508

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.1660, 0.3760, 0.3848 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, 215, 162)` looks like.

```
.text, #text, p{  
    color:rgb(248, 215, 162)  
}
```

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, 215, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 215, 162) }
```

Border

The CSS property to change the border of an element to Yxy 71.1660, 0.3760, 0.3848 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, 215, 162) }
```

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

```
.border{ border-color:rgb(248, 215, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 215, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 215, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 215, 162);  
box-shadow:4px 4px 4px 4px rgb(248, 215,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 71.1660, 0.3760, 0.3848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 215, 162) }
```

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

```
.background{ background-color: rgb(248,  
215, 162) }
```

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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