

Converting Colors

$Y_{xy}(71.1340, 0.3793, 0.3966)$

Have a look what the booklet for
Yxy(71.1340, 0.3793, 0.3966)
contains.

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Color

Yxy(71.3381, 0.3793, 0.3966)

Conversions

Conversions Part 1

Format	Color
Hex	F5D999
RGB	245, 217, 153
RGB Percent	96%, 85%, 60%
CMY	0.0391, 0.1490, 0.4000
CMYK	0.00, 0.11, 0.38, 0.04
HSL	42°, 82%, 78%
HSV	42°, 38%, 96%
XYZ	68.2263, 71.3381, 40.3098
YIQ	218.0760, 37.2320, -13.9680

Conversions

Conversions Part 2

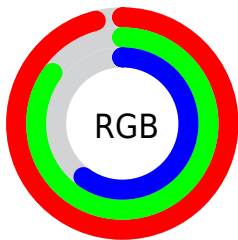
Format	Color
RYB	193, 245, 153
Decimal	16112025
CIELab	87.65, 0.92, 35.10
CIELCh	88, 35.109, 88.492
Yxy	71.3381, 0.3793, 0.3966
Android (android.graphics.Color)	4294302105 (0xFFFF5D999)
YUV	218.0760, -32.0825, 23.6123
Hunter-Lab	84.4619, -3.6203, 30.8269

Details

The Yxy color **71.3381, 0.3793, 0.3966** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **46.4279, 0.2488, 0.2503**, and the grayscale version is **70.3763, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.3341, 0.3406, 0.3751**, and **37.3450, 0.3941, 0.4115** is the 20% darker color. If you saturate the color by 10%, you get **66.8520, 0.3996, 0.4140**, and if you desaturate by 10%, it is **76.1711, 0.3597, 0.3783**.

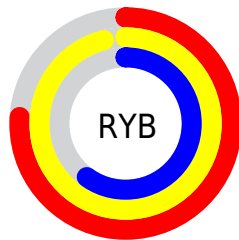
Distribution



Red (96%)

Green (85%)

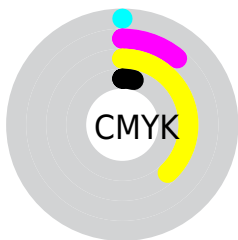
Blue (60%)



Red (76%)

Yellow (96%)

Blue (60%)

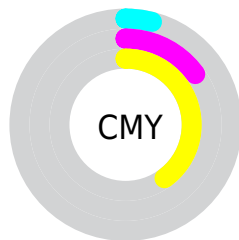


Cyan (0%)

Magenta (11%)

Yellow (38%)

Black (4%)



Cyan (4%)


Magenta (15%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.3381, 0.3793, 0.3966 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 71.3381, 0.3793, 0.3966 by changing the saturation by 10% instead.


 71.3381, 0.3793,
0.3966


 71.3381, 0.3793,
0.3966


465.2345, 0.3488,
0.3658

 52.6182, 0.3861,
0.4034


 121.1150, 0.3689,
0.3861

 37.4980, 0.3942,
0.4116


 152.9408, 0.3648,
0.3819

 25.5933, 0.4043,
0.4217


189.9039, 0.3612,
0.3783

 16.5197, 0.4169,
0.4343

232.3889, 0.3581,
0.3752

 9.8926, 0.4329,
0.4500

280.7800, 0.3554,
0.3724

 5.3278, 0.4529,
0.4696

335.4617, 0.3529,

 2.4409, 0.4921,

0.3700

0.5079

396.8184, 0.3508,
0.3678

0.8468, 0.4942,
0.5058

0.0000, 0.0000,
0.0000

71.3381, 0.3793,
0.3966

71.3381, 0.3793,
0.3966

66.8520, 0.3996,
0.4140

76.1711, 0.3597,
0.3783

62.6903, 0.4200,
0.4295

81.3527, 0.3414,
0.3599

58.8427, 0.4396,
0.4420

86.8970, 0.3245,
0.3420

55.2939, 0.4574,
0.4504

92.8144, 0.3091,
0.3249

■ 52.0262, 0.4725,
0.4538

■ 97.7218, 0.3066,
0.3283

■ 49.0171, 0.4844,
0.4523

■ 98.1578, 0.3066,
0.3290

■ 48.3139, 0.4870,
0.4515

Harmonies

Analogous

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



71.3381, 0.3971, 0.3703



71.3381, 0.3793, 0.3966



71.3381, 0.3439, 0.4058

Triad

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



71.3381, 0.3793, 0.3966



71.3381, 0.2403, 0.3133



71.3381, 0.3194, 0.2767

Complementary

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



71.3381, 0.3793, 0.3966



46.4279, 0.2488, 0.2503

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.



71.3381, 0.2781, 0.2620



71.3381, 0.3793, 0.3966



71.3381, 0.2347, 0.2800

Square

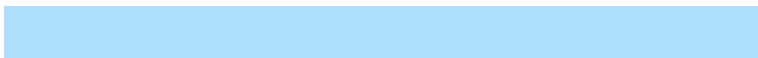
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.3381, 0.3793, 0.3966



71.3381, 0.2641, 0.3552



71.3381, 0.2480, 0.2625



71.3381, 0.3616, 0.3032

Rectangle

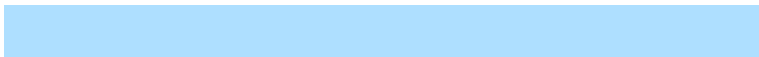
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.3381, 0.3793, 0.3966



71.3381, 0.3158, 0.3986



71.3381, 0.2480, 0.2625



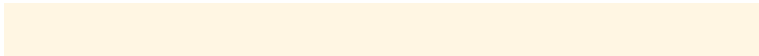
71.3381, 0.3049, 0.2703

Sweetspot

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



71.3414, 0.3793, 0.3966



92.9924, 0.3302, 0.3481



45.5835, 0.3754, 0.2975



19.7267, 0.3324, 0.3506



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.



71.3414, 0.3793, 0.3966



74.3713, 0.3946, 0.4099



84.1422, 0.3572, 0.4265



18.4117, 0.3276, 0.3454



26.2763, 0.4856, 0.4526



2.4902, 0.4753, 0.4608

Inverse Universe

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



46.4279, 0.2488, 0.2503



43.5567, 0.2349, 0.2311



37.9086, 0.2557, 0.2182



16.7498, 0.2980, 0.3121



6.4486, 0.1613, 0.1007



0.7404, 0.1681, 0.1252

Previews

White Background



This preview shows how the Yxy color 71.3381, 0.3793, 0.3966 looks on a white background.

Color Contrast Check

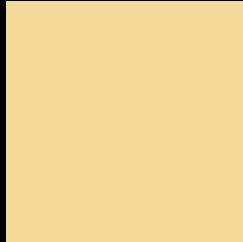
Large Text (above 18pt) WCAG AA × Fail

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 71.3381, 0.3793, 0.3966 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 71.3381, 0.3793, 0.3966

Background



This preview shows how black text looks on a background with the Yxy color 71.3381, 0.3793, 0.3966.



This preview shows how white text looks on a background with the Yxy color 71.3381, 0.3793, 0.3966.

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

71.3381, 0.3793, 0.3966

Protanopia

71.5240, 0.3712, 0.4001

Deuteranopia

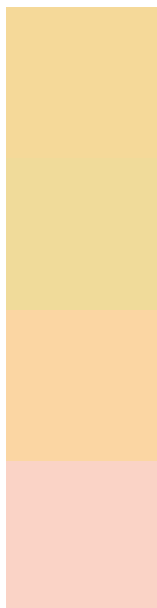
71.1741, 0.3781, 0.3746



Tritanopia

71.3762, 0.3354, 0.3128

Trichromacy



Original Color

71.3381, 0.3793, 0.3966

Protanomaly

71.5214, 0.3739, 0.3985

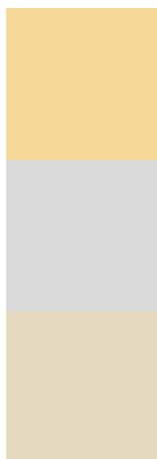
Deuteranomaly

71.2467, 0.3779, 0.3823

Tritanomaly

70.9897, 0.3519, 0.3426

Monochromacy



Original Color

71.3381, 0.3793, 0.3966

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.5318, 0.3366, 0.3554

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.3381, 0.3793, 0.3966 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(245, 217, 153)` looks like.

```
.text, #text, p{  
    color:rgb(245, 217, 153)  
}
```

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(245, 217, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 217, 153) }
```

Border

The CSS property to change the border of an element to Yxy 71.3381, 0.3793, 0.3966 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(245, 217, 153) }
```

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

```
.border{ border-color:rgb(245, 217, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 217, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 217, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 217, 153);  
box-shadow:4px 4px 4px 4px rgb(245, 217,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 71.3381, 0.3793, 0.3966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 217, 153) }
```

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

```
.background{ background-color: rgb(245,  
217, 153) }
```

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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