

Converting Colors

$Y_{xy}(75.6875, 0.3593, 0.3772)$

Have a look what the booklet for
Yxy(75.6875, 0.3593, 0.3772)
contains.

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Color

Yxy(75.9381, 0.3595, 0.3773)

Conversions

Conversions Part 1

Format	Color
Hex	F5E0B2
RGB	245, 224, 178
RGB Percent	96%, 88%, 70%
CMY	0.0391, 0.1216, 0.3019
CMYK	0.00, 0.09, 0.27, 0.04
HSL	41°, 77%, 83%
HSV	41°, 27%, 96%
XYZ	72.3555, 75.9381, 52.9735
YIQ	225.0350, 27.2820, -9.8540

Conversions

Conversions Part 2

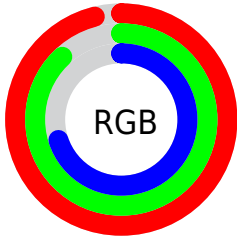
Format	Color
RYB	209, 245, 178
Decimal	16113842
CIELab	89.83, 0.38, 25.17
CIElCh	90, 25.169, 89.144
Yxy	75.9381, 0.3595, 0.3773
Android (android.graphics.Color)	4294303922 (0xFFFF5E0B2)
YUV	225.0350, -23.1883, 17.5093
Hunter-Lab	87.1425, -4.2884, 24.9576

Details

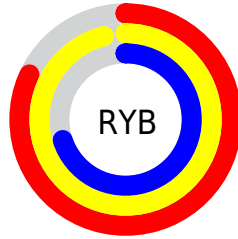
The Yxy color **75.9381, 0.3595, 0.3773** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **56.9310, 0.2675, 0.2754**, and the grayscale version is **75.4816, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7205, 0.3250, 0.3493**, and **40.5480, 0.3701, 0.3885** is the 20% darker color. If you saturate the color by 10%, you get **71.0031, 0.3792, 0.3954**, and if you desaturate by 10%, it is **81.2428, 0.3411, 0.3591**.

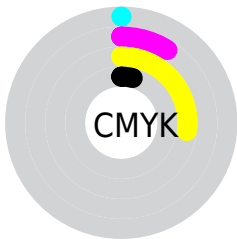
Distribution



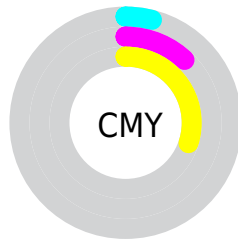
- Red (96%)
- Green (88%)
- Blue (70%)



- Red (82%)
- Yellow (96%)
- Blue (70%)



- Cyan (0%)
- Magenta (9%)
- Yellow (27%)
- Black (4%)





- Cyan (4%)
- Magenta (12%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.9381, 0.3595, 0.3773 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 75.9381, 0.3595, 0.3773 by changing the saturation by 10% instead.


 75.9381, 0.3595,
0.3773

 75.9381, 0.3595,
0.3773


481.1358, 0.3381,
0.3553

 56.3818, 0.3643,
0.3822

 127.6394, 0.3522,
0.3697

 40.5091, 0.3701,
0.3882


160.5531, 0.3493,
0.3668

 27.9357, 0.3774,
0.3957


198.6881, 0.3468,
0.3642

 18.2772, 0.3867,
0.4053


242.4288, 0.3446,
0.3620

 11.1492, 0.3990,
0.4178

292.1595, 0.3427,
0.3600

 6.1673, 0.4155,
0.4347

348.2646, 0.3410,

 2.9471, 0.4409,

0.3582

0.4605

411.1286, 0.3395,
0.3567

■ 1.1042, 0.4898,
0.5102

■ 0.0000, 0.0000,
0.0000

■ 75.9381, 0.3595,
0.3773

■ 75.9381, 0.3595,
0.3773

■ 71.0031, 0.3792,
0.3954

■ 81.2428, 0.3411,
0.3591

■ 66.4155, 0.3997,
0.4126

■ 86.9178, 0.3241,
0.3415

■ 62.1662, 0.4204,
0.4280

■ 92.9771, 0.3088,
0.3246

■ 58.2413, 0.4404,
0.4404

■ 98.0010, 0.3066,
0.3287

■ 54.6252, 0.4586,
0.4487

■ 98.1569, 0.3066,
0.3290

■ 51.3002, 0.4742,
0.4521

■ 48.2437, 0.4865,
0.4504

■ 47.4691, 0.4895,
0.4495

Harmonies

Analogous

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



75.9381, 0.3718, 0.3598



75.9381, 0.3595, 0.3773



75.9381, 0.3347, 0.3822

Triad

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



75.9381, 0.3595, 0.3773



75.9381, 0.2608, 0.3182



75.9381, 0.3185, 0.2917

Complementary

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



75.9381, 0.3595, 0.3773



56.9310, 0.2675, 0.2754

Split Complementary

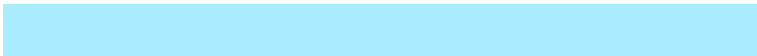
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.9381, 0.2890, 0.2808



75.9381, 0.3595, 0.3773



75.9381, 0.2568, 0.2945

Square

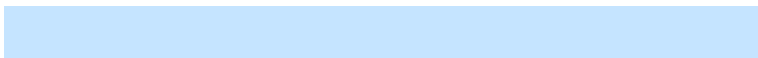
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.9381, 0.3595, 0.3773



75.9381, 0.2780, 0.3468



75.9381, 0.2669, 0.2815



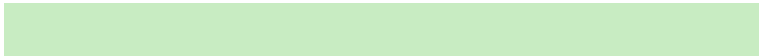
75.9381, 0.3476, 0.3113

Rectangle

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



75.9381, 0.3595, 0.3773



75.9381, 0.3149, 0.3765



75.9381, 0.2669, 0.2815



75.9381, 0.3083, 0.2869

Sweetspot

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



75.9415, 0.3595, 0.3773



94.7380, 0.3252, 0.3426



55.4007, 0.3535, 0.3064



20.0725, 0.3277, 0.3452



0.0000, 0.0000, 0.0000



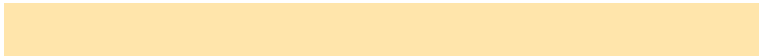
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.9415, 0.3595, 0.3773



80.0069, 0.3706, 0.3877



85.8150, 0.3455, 0.3995



18.3850, 0.3276, 0.3452



25.8257, 0.4881, 0.4507



2.4532, 0.4773, 0.4592

Inverse Universe

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



56.9310, 0.2675, 0.2754



55.9115, 0.2571, 0.2622



49.4297, 0.2737, 0.2519



16.7753, 0.2980, 0.3123



6.6203, 0.1619, 0.1030



0.7581, 0.1688, 0.1275

Previews

White Background



This preview shows how the Yxy color 75.9381, 0.3595, 0.3773 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 75.9381, 0.3595, 0.3773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

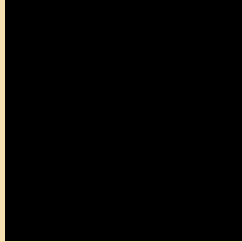
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.9381, 0.3595, 0.3773

Background



This preview shows how black text looks on a background with the Yxy color 75.9381, 0.3595, 0.3773.



This preview shows how white text looks on a background with the Yxy color 75.9381, 0.3595, 0.3773.

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

75.9381, 0.3595, 0.3773

Protanopia

76.1727, 0.3545, 0.3789

Deuteranopia

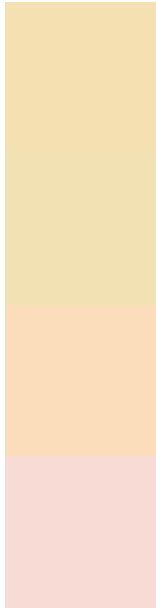
75.7288, 0.3584, 0.3567



Tritanopia

75.6904, 0.3273, 0.3120

Trichromacy



Original Color

75.9381, 0.3595, 0.3773

Protanomaly

75.9823, 0.3563, 0.3776

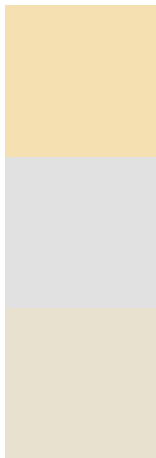
Deuteranomaly

75.8100, 0.3585, 0.3642

Tritanomaly

75.6069, 0.3388, 0.3352

Monochromacy



Original Color

75.9381, 0.3595, 0.3773

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.5603, 0.3289, 0.3472

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.9381, 0.3595, 0.3773 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, 224, 178)` looks like.

```
.text, #text, p{  
    color:rgb(245, 224, 178)  
}
```

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, 224, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 224, 178) }
```

Border

The CSS property to change the border of an element to Yxy 75.9381, 0.3595, 0.3773 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, 224, 178) }
```

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

```
.border{ border-color:rgb(245, 224, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 224, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 224, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 224, 178);  
box-shadow:4px 4px 4px 4px rgb(245, 224,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 75.9381, 0.3595, 0.3773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 224, 178) }
```

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

```
.background{ background-color: rgb(245,  
224, 178) }
```

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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