

Converting Colors

$Yxy(76.0846, 0.3681, 0.3925)$

Have a look what the booklet for
Yxy(76.0846, 0.3681, 0.3925)
contains.

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Color

Yxy(75.9795, 0.3682, 0.3919)

Conversions

Conversions Part 1

Format	Color
Hex	F5E1A5
RGB	245, 225, 165
RGB Percent	96%, 88%, 65%
CMY	0.0391, 0.1177, 0.3528
CMYK	0.00, 0.08, 0.33, 0.04
HSL	45°, 80%, 80%
HSV	45°, 33%, 96%
XYZ	71.3847, 75.9795, 46.5105
YIQ	224.1400, 31.1800, -14.4200

Conversions

Conversions Part 2

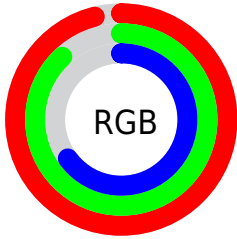
Format	Color
RYB	192, 245, 165
Decimal	16114085
CIELab	89.85, -1.76, 31.88
CIElCh	90, 31.924, 93.157
Yxy	75.9795, 0.3682, 0.3919
Android (android.graphics.Color)	4294304165 (0xFFFF5E1A5)
YUV	224.1400, -29.1560, 18.2942
Hunter-Lab	87.1662, -6.3585, 29.3801

Details

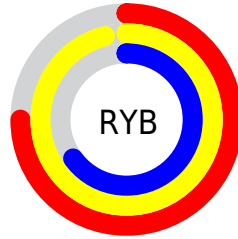
The Yxy color **75.9795, 0.3682, 0.3919** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.3245, 0.2571, 0.2569**, and the grayscale version is **74.8486, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.9473, 0.3333, 0.3631**, and **40.6331, 0.3802, 0.4056** is the 20% darker color. If you saturate the color by 10%, you get **71.9144, 0.3871, 0.4110**, and if you desaturate by 10%, it is **80.3419, 0.3499, 0.3722**.

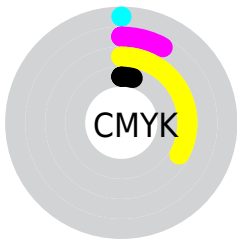
Distribution



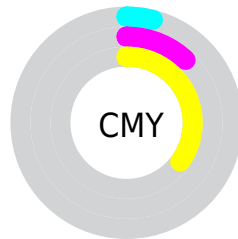
- Red (96%)
- Green (88%)
- Blue (65%)



- Red (75%)
- Yellow (96%)
- Blue (65%)



- Cyan (0%)
- Magenta (8%)
- Yellow (33%)
- Black (4%)





- Cyan (4%)
- Magenta (12%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.9795, 0.3682, 0.3919 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 75.9795, 0.3682, 0.3919 by changing the saturation by 10% instead.


 75.9795, 0.3682,
0.3919


 75.9795, 0.3682,
0.3919


481.2775, 0.3431,
0.3632

 56.4157, 0.3737,
0.3983


 127.6979, 0.3596,
0.3821

 40.5363, 0.3804,
0.4060


 160.6213, 0.3563,
0.3782

 27.9569, 0.3887,
0.4156


198.7668, 0.3533,
0.3749

 18.2932, 0.3990,
0.4277

242.5186, 0.3508,
0.3720

 11.1607, 0.4122,
0.4433

292.2611, 0.3485,
0.3694

 6.1750, 0.4290,
0.4637

348.3789, 0.3465,

 2.9518, 0.4652,

0.3671

0.5066

411.2562, 0.3447,
0.3650

■ 1.1066, 0.4754,
0.5246

■ 0.0000, 0.0000,
0.0000

■ 75.9795, 0.3682,
0.3919

■ 75.9795, 0.3682,
0.3919

■ 71.9144, 0.3871,
0.4110

■ 80.3419, 0.3499,
0.3722

■ 68.1251, 0.4061,
0.4286

■ 85.0013, 0.3327,
0.3527

■ 64.6030, 0.4243,
0.4436

■ 89.9709, 0.3167,
0.3339

■ 61.3348, 0.4410,
0.4550

■ 94.7310, 0.3067,
0.3237

■ 58.3053, 0.4552,
0.4619

■ 98.1596, 0.3066,
0.3290

■ 55.4961, 0.4664,
0.4639

■ 53.5535, 0.4729,
0.4627

Harmonies

Analogous

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



75.9795, 0.3868, 0.3707



75.9795, 0.3682, 0.3919



75.9795, 0.3352, 0.3964

Triad

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



75.9795, 0.3682, 0.3919



75.9795, 0.2459, 0.3101



75.9795, 0.3250, 0.2851

Complementary

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



75.9795, 0.3682, 0.3919



49.3245, 0.2571, 0.2569

Split Complementary

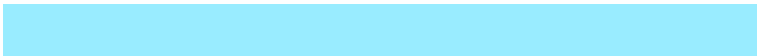
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.9795, 0.2872, 0.2699



75.9795, 0.3682, 0.3919



75.9795, 0.2435, 0.2820

Square

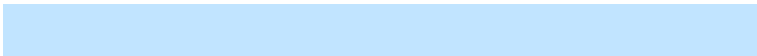
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.9795, 0.3682, 0.3919



75.9795, 0.2651, 0.3466



75.9795, 0.2580, 0.2684



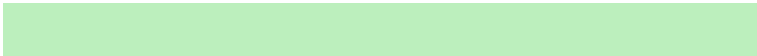
75.9795, 0.3613, 0.3104

Rectangle

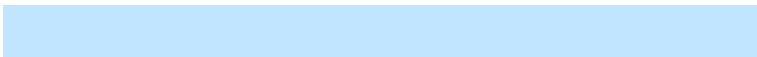
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.9795, 0.3682, 0.3919



75.9795, 0.3099, 0.3875



75.9795, 0.2580, 0.2684



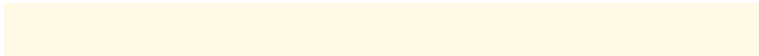
75.9795, 0.3120, 0.2787

Sweetspot

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



75.9830, 0.3682, 0.3919



94.4563, 0.3283, 0.3477



49.8988, 0.3682, 0.3060



20.0567, 0.3307, 0.3504



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.



75.9830, 0.3682, 0.3919



80.2850, 0.3803, 0.4043



84.2747, 0.3488, 0.4144



18.5692, 0.3275, 0.3466



29.0714, 0.4719, 0.4635



2.7172, 0.4638, 0.4699

Inverse Universe

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



49.3245, 0.2571, 0.2569



47.0745, 0.2449, 0.2398



43.6662, 0.2676, 0.2354



16.6013, 0.2979, 0.3107



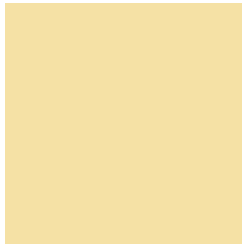
5.5559, 0.1580, 0.0889



0.6452, 0.1645, 0.1121

Previews

White Background



This preview shows how the Yxy color 75.9795, 0.3682, 0.3919 looks on a white background.

Color Contrast Check

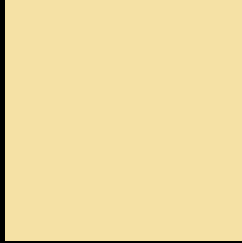
Large Text (above 18pt) WCAG AA × Fail

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 75.9795, 0.3682, 0.3919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

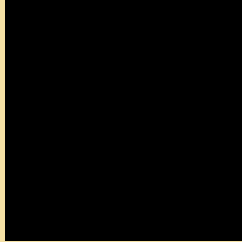
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.9795, 0.3682, 0.3919

Background



This preview shows how black text looks on a background with the Yxy color 75.9795, 0.3682, 0.3919.

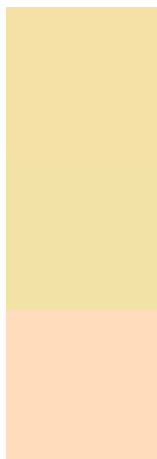


This preview shows how white text looks on a background with the Yxy color 75.9795, 0.3682, 0.3919.

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

75.9795, 0.3682, 0.3919

Protanopia

76.1640, 0.3663, 0.3933

Deuteranopia

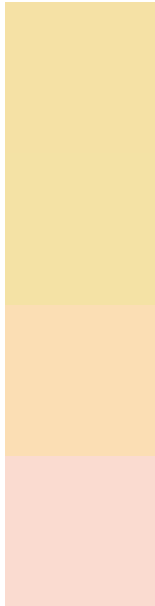
76.0772, 0.3611, 0.3618



Tritanopia

75.8776, 0.3280, 0.3120

Trichromacy



Original Color

75.9795, 0.3682, 0.3919

Protanomaly

76.3424, 0.3671, 0.3931

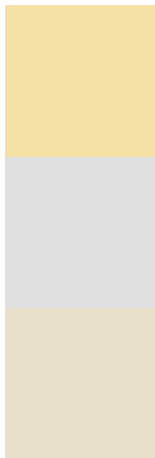
Deuteranomaly

76.0471, 0.3632, 0.3725

Tritanomaly

75.5411, 0.3431, 0.3404

Monochromacy



Original Color

75.9795, 0.3682, 0.3919

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.7789, 0.3325, 0.3516

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.9795, 0.3682, 0.3919 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, 225, 165)` looks like.

```
.text, #text, p{  
    color:rgb(245, 225, 165)  
}
```

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, 225, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 225, 165) }
```

Border

The CSS property to change the border of an element to Yxy 75.9795, 0.3682, 0.3919 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, 225, 165) }
```

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

```
.border{ border-color:rgb(245, 225, 165) }
```

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

Here you see how a box with a 4 pixel rgb(245, 225, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 225, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 225, 165);  
box-shadow:4px 4px 4px 4px rgb(245, 225,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 75.9795, 0.3682, 0.3919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 225, 165) }
```

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

```
.background{ background-color: rgb(245,  
225, 165) }
```

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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