

Converting Colors

Yxy(68.9379, 0.3955, 0.4170)

Have a look what the booklet for
Yxy(68.9379, 0.3955, 0.4170)
contains.

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Color

Yxy(68.9379, 0.3955, 0.4170)

Conversions

Conversions Part 1

Format	Color
Hex	F4D682
RGB	244, 214, 130
RGB Percent	96%, 84%, 51%
CMY	0.0432, 0.1608, 0.4900
CMYK	0.00, 0.12, 0.47, 0.04
HSL	44°, 84%, 73%
HSV	44°, 47%, 96%
XYZ	65.3835, 68.9379, 30.9973
YIQ	213.3940, 44.8440, -19.7640

Conversions

Conversions Part 2

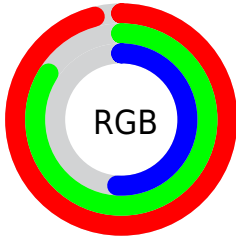
Format	Color
RYB	171, 244, 130
Decimal	16045698
CIELab	86.47, -0.31, 45.11
CIELCh	86, 45.111, 90.399
Yxy	68.9379, 0.3955, 0.4170
Android (android.graphics.Color)	4294235778 (0xFFFF4D682)
YUV	213.3940, -41.1132, 26.8415
Hunter-Lab	83.0289, -4.7353, 35.9854

Details

The Yxy color **68.9379, 0.3955, 0.4170** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **36.4338, 0.2308, 0.2206**, and the grayscale version is **67.0793, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2407, 0.3550, 0.3988**, and **36.1452, 0.4127, 0.4358** is the 20% darker color. If you saturate the color by 10%, you get **65.1754, 0.4146, 0.4335**, and if you desaturate by 10%, it is **72.9903, 0.3762, 0.3986**.

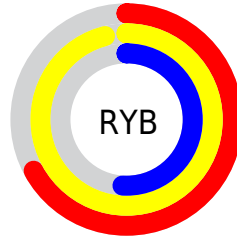
Distribution



Red (96%)

Green (84%)

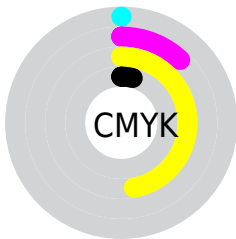
Blue (51%)



Red (67%)

Yellow (96%)

Blue (51%)

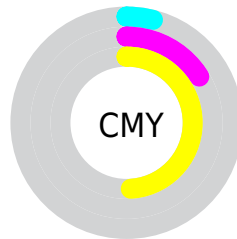


Cyan (0%)

Magenta (12%)

Yellow (47%)

Black (4%)



Cyan (4%)


Magenta (16%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.9379, 0.3955, 0.4170 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 68.9379, 0.3955, 0.4170 by changing the saturation by 10% instead.


 68.9379, 0.3955,
0.4170


 68.9379, 0.3955,
0.4170


456.8119, 0.3580,
0.3771

 50.6611, 0.4036,
0.4256


 117.6929, 0.3828,
0.4035

 35.9390, 0.4131,
0.4358


 148.9399, 0.3778,
0.3981

 24.3871, 0.4246,
0.4481


 185.2791, 0.3734,
0.3935

 15.6210, 0.4383,
0.4628

227.0949, 0.3696,
0.3894

 9.2564, 0.4542,
0.4799

274.7717, 0.3662,
0.3858

 4.9088, 0.4841,
0.5120

328.6938, 0.3632,

 2.1938, 0.4856,

0.3826

0.5144

389.2458, 0.3604,
0.3797

0.7166, 0.4845,
0.5155

0.0000, 0.0000,
0.0000

68.9379, 0.3955,
0.4170

68.9379, 0.3955,
0.4170

65.1754, 0.4146,
0.4335

72.9903, 0.3762,
0.3986

61.6804, 0.4328,
0.4470

77.3345, 0.3574,
0.3794

58.4422, 0.4491,
0.4564


81.9842, 0.3396,
0.3600


55.4444, 0.4626,
0.4611

86.9493, 0.3230,
0.3412

 52.6667, 0.4731,
0.4609

 92.2393, 0.3079,
0.3232

 51.7875, 0.4761,
0.4602

 96.4037, 0.3060,
0.3266

 97.9708, 0.3060,
0.3290

Harmonies

Analogous

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



68.9379, 0.4214, 0.3825



68.9379, 0.3955, 0.4170



68.9379, 0.3484, 0.4298

Triad

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



68.9379, 0.3955, 0.4170



68.9379, 0.2192, 0.3041



68.9379, 0.3244, 0.2644

Complementary

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



68.9379, 0.3955, 0.4170



36.4338, 0.2308, 0.2206

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.



68.9379, 0.2707, 0.2449



68.9379, 0.3955, 0.4170



68.9379, 0.2141, 0.2631

Square

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



68.9379, 0.3955, 0.4170



68.9379, 0.2472, 0.3594



68.9379, 0.2320, 0.2435



68.9379, 0.3792, 0.2980

Rectangle

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



68.9379, 0.3955, 0.4170



68.9379, 0.3120, 0.4198



68.9379, 0.2320, 0.2435



68.9379, 0.3055, 0.2561

Sweetspot

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



68.9411, 0.3955, 0.4170



92.0626, 0.3350, 0.3549



37.7636, 0.4054, 0.2963



19.4567, 0.3387, 0.3591



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.



68.9411, 0.3955, 0.4170



72.2796, 0.4136, 0.4326



81.1203, 0.3626, 0.4517



18.5325, 0.3275, 0.3464



28.3972, 0.4750, 0.4611



2.6628, 0.4664, 0.4678

Inverse Universe

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



36.4338, 0.2308, 0.2206



32.4187, 0.2133, 0.1941



29.6421, 0.2429, 0.1887



16.6357, 0.2979, 0.3110



5.7466, 0.1587, 0.0914



0.6661, 0.1653, 0.1150

Previews

White Background



This preview shows how the Yxy color 68.9379, 0.3955, 0.4170 looks on a white background.

Color Contrast Check

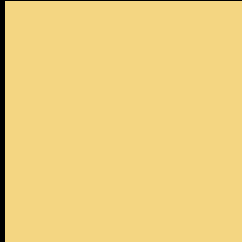
Large Text (above 18pt) WCAG AA × Fail

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 68.9379, 0.3955, 0.4170 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 68.9379, 0.3955, 0.4170

Background



This preview shows how black text looks on a background with the Yxy color 68.9379, 0.3955, 0.4170.



This preview shows how white text looks on a background with the Yxy color 68.9379, 0.3955, 0.4170.

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

68.9379, 0.3955, 0.4170

Protanopia

69.2689, 0.3879, 0.4209

Deuteranopia

68.6061, 0.3923, 0.3879



Tritanopia

68.7090, 0.3398, 0.3127

Trichromacy



Original Color

68.9379, 0.3955, 0.4170

Protanomaly

69.2757, 0.3907, 0.4191

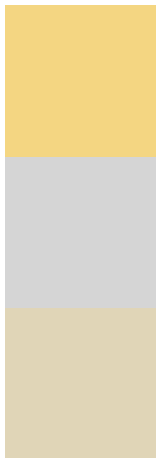
Deuteranomaly

68.5856, 0.3941, 0.3987

Tritanomaly

68.5375, 0.3612, 0.3501

Monochromacy



Original Color

68.9379, 0.3955, 0.4170

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.8547, 0.3422, 0.3627

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.9379, 0.3955, 0.4170 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(244, 214, 130)` looks like.

```
.text, #text, p{  
    color:rgb(244, 214, 130)  
}
```

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(244, 214, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 214, 130) }
```

Border

The CSS property to change the border of an element to Yxy 68.9379, 0.3955, 0.4170 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(244, 214, 130) }
```

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

```
.border{ border-color:rgb(244, 214, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 214, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 214, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 214, 130);  
box-shadow:4px 4px 4px 4px rgb(244, 214,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 68.9379, 0.3955, 0.4170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 214, 130) }
```

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

```
.background{ background-color: rgb(244,  
214, 130) }
```

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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