

Converting Colors

Yxy(82.4083, 0.3796, 0.4233)

Have a look what the booklet for
Yxy(82.4083, 0.3796, 0.4233)
contains.

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Color

Yxy(82.5384, 0.3797, 0.4233)

Conversions

Conversions Part 1

Format	Color
Hex	F8ED90
RGB	248, 237, 144
RGB Percent	97%, 93%, 56%
CMY	0.0273, 0.0706, 0.4353
CMYK	0.00, 0.04, 0.42, 0.03
HSL	54°, 88%, 77%
HSV	54°, 42%, 97%
XYZ	74.0369, 82.5384, 38.4126
YIQ	229.6870, 36.4090, -26.5910

Conversions

Conversions Part 2

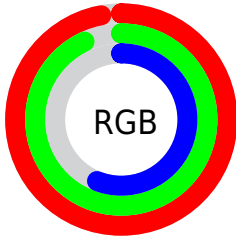
Format	Color
R _Y B	156, 248, 144
Decimal	16313744
CIE Lab	92.81, -8.97, 46.29
CIE LCh	93, 47.148, 100.962
Yxy	82.5384, 0.3797, 0.4233
Android (android.graphics.Color)	4294503824 (0xFFF8ED90)
YUV	229.6870, -42.2437, 16.0605
Hunter-Lab	90.8506, -13.5236, 38.5270

Details

The Yxy color **82.5384, 0.3797, 0.4233** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **36.1603, 0.2363, 0.2127**, and the grayscale version is **79.1896, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9035, 0.3460, 0.3840**, and **44.7676, 0.3925, 0.4427** is the 20% darker color. If you saturate the color by 10%, you get **80.3534, 0.3951, 0.4435**, and if you desaturate by 10%, it is **84.9199, 0.3635, 0.4013**.

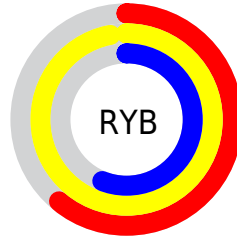
Distribution



Red (97%)

Green (93%)

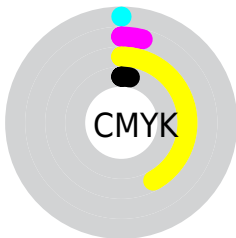
Blue (56%)



Red (61%)

Yellow (97%)

Blue (56%)

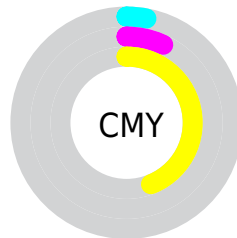


Cyan (0%)

Magenta (4%)

Yellow (42%)

Black (3%)



Cyan (3%)

Magenta (7%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.5384, 0.3797, 0.4233 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 82.5384, 0.3797, 0.4233 by changing the saturation by 10% instead.

 82.5384, 0.3797,
0.4233

 82.5384, 0.3797,
0.4233


503.4468, 0.3508,
0.3809

 61.8094, 0.3856,
0.4325

 136.9288, 0.3702,
0.4090

 44.8787, 0.3926,
0.4434


 171.3589, 0.3663,
0.4033

 31.3619, 0.4007,
0.4568


211.1250, 0.3629,
0.3983

 20.8746, 0.4101,
0.4731

256.6113, 0.3599,
0.3940

 13.0324, 0.4207,
0.4931

308.2022, 0.3573,
0.3901

 7.4508, 0.4320,
0.5180

366.2822, 0.3549,

 3.7456, 0.4462,

0.3867

0.5538

431.2356, 0.3527,
0.3836

■ 1.5323, 0.4315,
0.5685

■ 0.3113, 0.1983,
0.8017

■ 82.5384, 0.3797,
0.4233

■ 82.5384, 0.3797,
0.4233

■ 80.3534, 0.3951,
0.4435

■ 84.9199, 0.3635,
0.4013

■ 78.3424, 0.4090,
0.4608


■ 87.4967, 0.3471,
0.3784

■ 76.4967, 0.4208,
0.4743


■ 90.2819, 0.3310,
0.3555

■ 74.8021, 0.4299,
0.4835


■ 93.2841, 0.3156,
0.3332

 73.2413, 0.4363,
0.4881

 95.6449, 0.3086,
0.3243

 72.0600, 0.4396,
0.4891

 97.2922, 0.3085,
0.3268

 98.7018, 0.3084,
0.3290

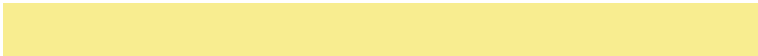
Harmonies

Analogous

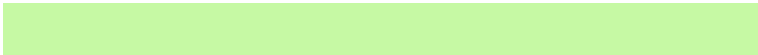
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.5384, 0.4139, 0.3953



82.5384, 0.3797, 0.4233



82.5384, 0.3291, 0.4248

Triad

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



82.5384, 0.3797, 0.4233



82.5384, 0.2161, 0.2881



82.5384, 0.3441, 0.2757

Complementary

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



82.5384, 0.3797, 0.4233



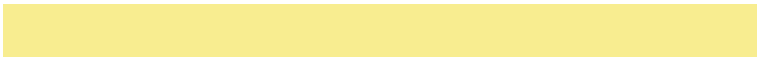
36.1603, 0.2363, 0.2127

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.



82.5384, 0.2889, 0.2510



82.5384, 0.3797, 0.4233



82.5384, 0.2192, 0.2549

Square

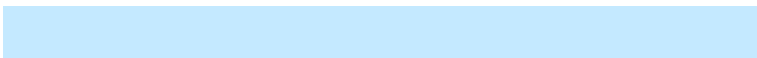
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.5384, 0.3797, 0.4233



82.5384, 0.2360, 0.3392



82.5384, 0.2444, 0.2430



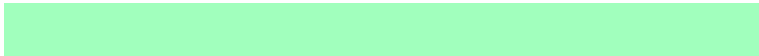
82.5384, 0.3938, 0.3124

Rectangle

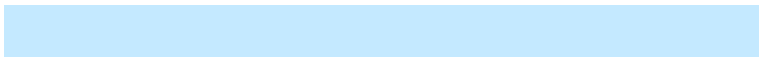
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.5384, 0.3797, 0.4233



82.5384, 0.2934, 0.4068



82.5384, 0.2444, 0.2430



82.5384, 0.3253, 0.2658

Sweetspot

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



82.5422, 0.3797, 0.4233



95.8235, 0.3327, 0.3580



42.3122, 0.4088, 0.3162



20.3668, 0.3362, 0.3630



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.



82.5422, 0.3797, 0.4233



86.0005, 0.3923, 0.4399



82.5978, 0.3473, 0.4436



19.8577, 0.3271, 0.3500



39.0413, 0.4393, 0.4894



3.7034, 0.4366, 0.4915

Inverse Universe

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



36.1603, 0.2363, 0.2127



30.8262, 0.2195, 0.1858



36.8998, 0.2635, 0.2084



16.9391, 0.2979, 0.3071



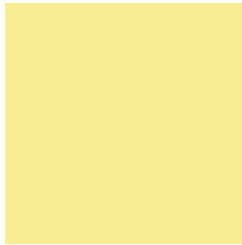
4.1618, 0.1520, 0.0673



0.4800, 0.1560, 0.0815

Previews

White Background



This preview shows how the Yxy color 82.5384, 0.3797, 0.4233 looks on a white background.

Color Contrast Check

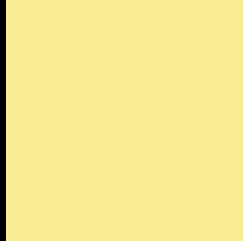
Large Text (above 18pt) WCAG AA × Fail

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 82.5384, 0.3797, 0.4233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

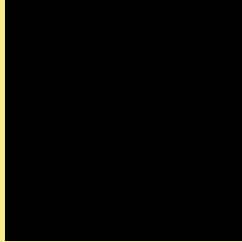
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 82.5384, 0.3797, 0.4233

Background



This preview shows how black text looks on a background with the Yxy color 82.5384, 0.3797, 0.4233.



This preview shows how white text looks on a background with the Yxy color 82.5384, 0.3797, 0.4233.

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

82.5384, 0.3797, 0.4233

Protanopia

82.2756, 0.3830, 0.4141

Deuteranopia

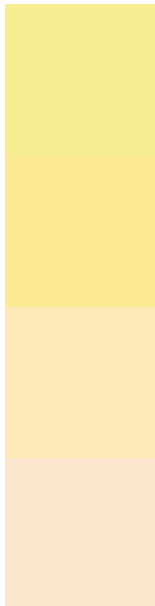
82.2614, 0.3469, 0.3543



Tritanopia

82.5490, 0.3231, 0.3153

Trichromacy



Original Color

82.5384, 0.3797, 0.4233

Protanomaly

82.2187, 0.3816, 0.4177

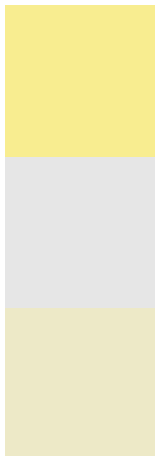
Deuteranomaly

82.3922, 0.3590, 0.3800

Tritanomaly

82.3035, 0.3439, 0.3544

Monochromacy



Original Color

82.5384, 0.3797, 0.4233

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

80.4059, 0.3374, 0.3648

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.5384, 0.3797, 0.4233 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, 237, 144)` looks like.

```
.text, #text, p{  
    color:rgb(248, 237, 144)  
}
```

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, 237, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 237, 144) }
```

Border

The CSS property to change the border of an element to Yxy 82.5384, 0.3797, 0.4233 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, 237, 144) }
```

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

```
.border{ border-color:rgb(248, 237, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 237, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 237, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 237, 144);  
box-shadow:4px 4px 4px 4px rgb(248, 237,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 82.5384, 0.3797, 0.4233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 237, 144) }
```

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

```
.background{ background-color: rgb(248,  
237, 144) }
```

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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