

Converting Colors

$Yxy(82.4405, 0.3861, 0.4218)$

Have a look what the booklet for
Yxy(82.4405, 0.3861, 0.4218)
contains.

Yxy(82.4405, 0.3861, 0.4218)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(82.4405, 0.3861, 0.4218)

Conversions

Conversions Part 1

Format	Color
Hex	FEEB8E
RGB	254, 235, 142
RGB Percent	100%, 92%, 56%
CMY	0.0040, 0.0784, 0.4429
CMYK	0.00, 0.07, 0.44, 0.00
HSL	50°, 98%, 78%
HSV	50°, 44%, 100%
XYZ	75.4630, 82.4405, 37.5458
YIQ	230.0790, 41.1770, -24.8950

Conversions

Conversions Part 2

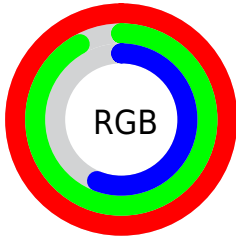
Format	Color
R _Y B	165, 254, 142
Decimal	16706446
CIE Lab	92.77, -5.84, 47.28
CIE LCh	93, 47.644, 97.047
Yxy	82.4405, 0.3861, 0.4218
Android (android.graphics.Color)	4294896526 (0xFFFEEB8E)
YUV	230.0790, -43.4229, 20.9787
Hunter-Lab	90.7968, -10.5395, 39.0404

Details

The Yxy color **82.4405, 0.3861, 0.4218** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **38.4099, 0.2333, 0.2144**, and the grayscale version is **79.5011, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8112, 0.3472, 0.3860**, and **44.7141, 0.4009, 0.4401** is the 20% darker color. If you saturate the color by 10%, you get **79.3299, 0.4029, 0.4405**, and if you desaturate by 10%, it is **85.7923, 0.3687, 0.4012**.

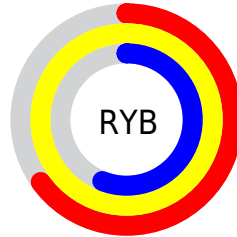
Distribution



Red (100%)

Green (92%)

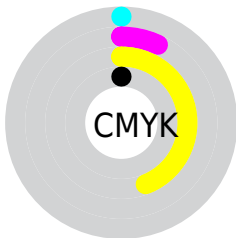
Blue (56%)



Red (65%)

Yellow (100%)

Blue (56%)

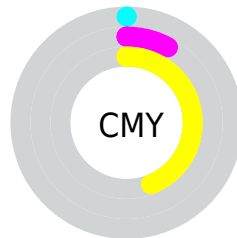


Cyan (0%)

Magenta (7%)

Yellow (44%)

Black (0%)



Cyan (0%)


Magenta (8%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.4405, 0.3861, 0.4218 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 82.4405, 0.3861, 0.4218 by changing the saturation by 10% instead.


 82.4405, 0.3861,
0.4218


 82.4405, 0.3861,
0.4218


503.1200, 0.3542,
0.3804

 61.7287, 0.3927,
0.4306

 136.7916, 0.3756,
0.4079

 44.8135, 0.4004,
0.4411

 171.1996, 0.3713,
0.4024

 31.3106, 0.4094,
0.4538


210.9419, 0.3676,
0.3975

 20.8354, 0.4200,
0.4691

256.4027, 0.3643,
0.3933

 13.0038, 0.4320,
0.4875

307.9665, 0.3614,
0.3895

 7.4311, 0.4456,
0.5102

366.0178, 0.3587,

 3.7332, 0.4607,

0.3862

0.5393

430.9408, 0.3564,
0.3831

■ 1.5254, 0.4512,
0.5488

■ 0.3065, 0.3266,
0.6734

■ 82.4405, 0.3861,
0.4218

■ 82.4405, 0.3861,
0.4218

■ 79.3299, 0.4029,
0.4405

■ 85.7923, 0.3687,
0.4012

■ 76.4366, 0.4183,
0.4563

■ 89.3849, 0.3514,
0.3798

■ 73.7506, 0.4316,
0.4682

■ 93.2327, 0.3347,
0.3583

■ 71.2557, 0.4423,
0.4755

■ 97.3453, 0.3189,
0.3373

■ 68.9325, 0.4500,
0.4782

99.8081, 0.3121,
0.3290

■ 67.6198, 0.4535,
0.4781

Harmonies

Analogous

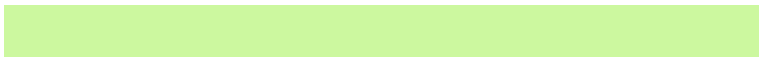
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.4405, 0.4176, 0.3910



82.4405, 0.3861, 0.4218



82.4405, 0.3363, 0.4277

Triad

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



82.4405, 0.3861, 0.4218



82.4405, 0.2165, 0.2935



82.4405, 0.3370, 0.2711

Complementary

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



82.4405, 0.3861, 0.4218



38.4099, 0.2333, 0.2144

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.



82.4405, 0.2818, 0.2481



82.4405, 0.3861, 0.4218



82.4405, 0.2166, 0.2572

Square

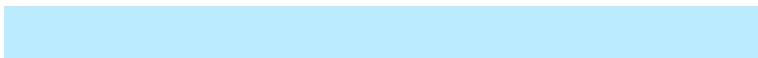
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.4405, 0.3861, 0.4218



82.4405, 0.2395, 0.3466



82.4405, 0.2392, 0.2425



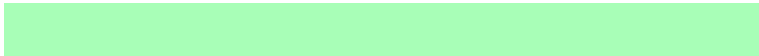
82.4405, 0.3892, 0.3069

Rectangle

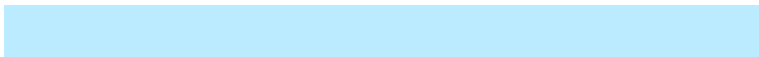
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.4405, 0.3861, 0.4218



82.4405, 0.3001, 0.4125



82.4405, 0.2392, 0.2425



82.4405, 0.3180, 0.2617

Sweetspot

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



82.4443, 0.3861, 0.4218



94.5123, 0.3330, 0.3560



43.0586, 0.4082, 0.3077



20.0399, 0.3366, 0.3607



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

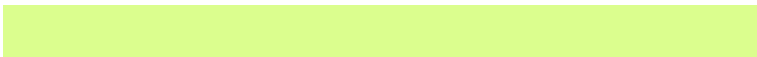
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.4443, 0.3861, 0.4218



80.3747, 0.4011, 0.4386



87.8178, 0.3539, 0.4478



20.5356, 0.3273, 0.3486



35.8453, 0.4529, 0.4786



3.6226, 0.4484, 0.4822

Inverse Universe

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



38.4099, 0.2333, 0.2144



30.7761, 0.2155, 0.1865



35.9219, 0.2545, 0.1996



17.8753, 0.2979, 0.3086



4.8286, 0.1541, 0.0747



0.6023, 0.1590, 0.0925

Previews

White Background



This preview shows how the Yxy color 82.4405, 0.3861, 0.4218 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 82.4405, 0.3861, 0.4218 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 82.4405, 0.3861, 0.4218

Background



This preview shows how black text looks on a background with the Yxy color 82.4405, 0.3861, 0.4218.

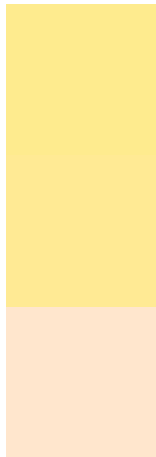


This preview shows how white text looks on a background with the Yxy color 82.4405, 0.3861, 0.4218.

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

82.4405, 0.3861, 0.4218

Protanopia

82.2438, 0.3836, 0.4151

Deuteranopia

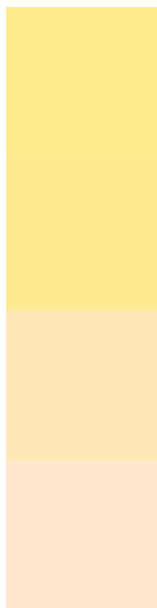
82.2614, 0.3469, 0.3543



Tritanopia

82.4302, 0.3244, 0.3172

Trichromacy



Original Color

82.4405, 0.3861, 0.4218

Protanomaly

82.1810, 0.3849, 0.4170

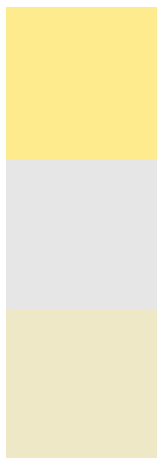
Deuteranomaly

82.3506, 0.3621, 0.3797

Tritanomaly

82.2133, 0.3476, 0.3553

Monochromacy



Original Color

82.4405, 0.3861, 0.4218

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

80.1412, 0.3397, 0.3647

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.4405, 0.3861, 0.4218 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(254, 235, 142)` looks like.

```
.text, #text, p{  
    color:rgb(254, 235, 142)  
}
```

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(254, 235, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 235, 142) }
```

Border

The CSS property to change the border of an element to Yxy 82.4405, 0.3861, 0.4218 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(254, 235, 142) }
```

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

```
.border{ border-color:rgb(254, 235, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 235, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 235, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 235, 142);  
box-shadow:4px 4px 4px 4px rgb(254, 235,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 82.4405, 0.3861, 0.4218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 235, 142) }
```

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

```
.background{ background-color: rgb(254,  
235, 142) }
```

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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