

Converting Colors

$Y_{xy}(100.0000, 0.4303, 0.4281)$

Have a look what the booklet for
Yxy(100.0000, 0.4303, 0.4281)
contains.

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Color

Yxy(88.0201, 0.3925, 0.4456)

Conversions

Conversions Part 1

Format	Color
Hex	FFF57C
RGB	255, 245, 124
RGB Percent	100%, 96%, 49%
CMY	0.0000, 0.0392, 0.5136
CMYK	0.00, 0.04, 0.51, 0.00
HSL	55°, 100%, 74%
HSV	55°, 51%, 100%
XYZ	77.5312, 88.0201, 31.9804
YIQ	234.1960, 44.8010, -35.5110

Conversions

Conversions Part 2

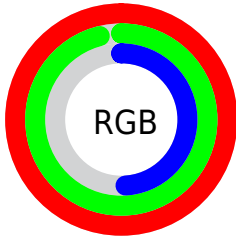
Format	Color
RYB	135, 255, 124
Decimal	16774524
CIELab	95.17, -12.00, 58.73
CIELCh	95, 59.940, 101.549
Yxy	88.0201, 0.3925, 0.4456
Android (android.graphics.Color)	4294964604 (0xFFFFF57C)
YUV	234.1960, -54.3266, 18.2451
Hunter-Lab	93.8190, -16.6726, 45.4630

Details

The Yxy color **88.0201, 0.3925, 0.4456** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **28.5626, 0.2157, 0.1766**, and the grayscale version is **82.8339, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.0347, 0.3579, 0.4037**, and **48.5732, 0.4061, 0.4689** is the 20% darker color. If you saturate the color by 10%, you get **86.2892, 0.4057, 0.4635**, and if you desaturate by 10%, it is **89.9383, 0.3777, 0.4249**.

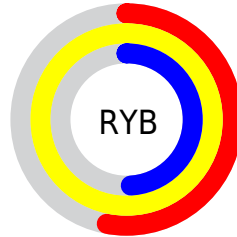
Distribution



Red (100%)

Green (96%)

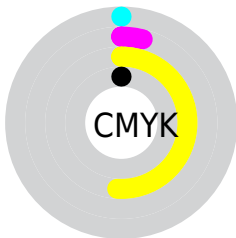
Blue (49%)



Red (53%)

Yellow (100%)

Blue (49%)

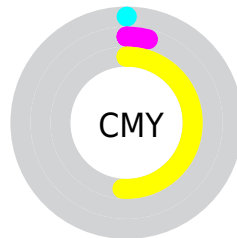


Cyan (0%)

Magenta (4%)

Yellow (51%)

Black (0%)



Cyan (0%)


Magenta (4%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.0201, 0.3925, 0.4456 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 88.0201, 0.3925, 0.4456 by changing the saturation by 10% instead.

 88.0201, 0.3925,
0.4456

 88.0201, 0.3925,
0.4456


521.5691, 0.3595,
0.3944


 66.3397, 0.3988,
0.4562


 144.5851, 0.3820,
0.4286

 48.5482, 0.4059,
0.4687


 180.2386, 0.3776,
0.4218

 34.2612, 0.4138,
0.4834


 221.3185, 0.3738,
0.4158

 23.0944, 0.4221,
0.5006

268.2093, 0.3703,
0.4105

 14.6632, 0.4302,
0.5205

321.2954, 0.3672,
0.4058

 8.5834, 0.4417,
0.5497

380.9611, 0.3643,

 4.4704, 0.4352,

0.4016

0.5648

447.5908, 0.3618,
0.3978

■ 1.9400, 0.4179,
0.5821

■ 0.5723, 0.3049,
0.6951

■ 88.0201, 0.3925,
0.4456

■ 88.0201, 0.3925,
0.4456

■ 86.2892, 0.4057,
0.4635

■ 89.9383, 0.3777,
0.4249

■ 84.7202, 0.4167,
0.4775

■ 92.0434, 0.3619,
0.4022

■ 83.3021, 0.4251,
0.4872

■ 94.3501, 0.3459,
0.3787

■ 82.0166, 0.4307,
0.4924

■ 96.8684, 0.3300,
0.3551

 80.9887, 0.4336,
0.4939

99.6073, 0.3147,
0.3321

99.9995, 0.3127,
0.3290

Harmonies

Analogous

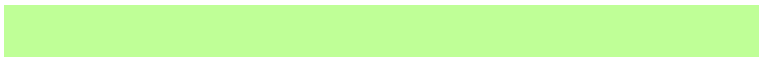
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.0201, 0.4365, 0.4087



88.0201, 0.3925, 0.4456



88.0201, 0.3298, 0.4500

Triad

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



88.0201, 0.3925, 0.4456



88.0201, 0.1953, 0.2759



88.0201, 0.3524, 0.2648

Complementary

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



88.0201, 0.3925, 0.4456



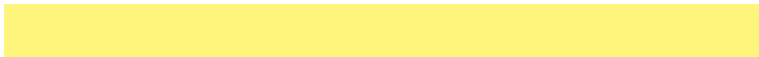
28.5626, 0.2157, 0.1766

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.



88.0201, 0.2838, 0.2351



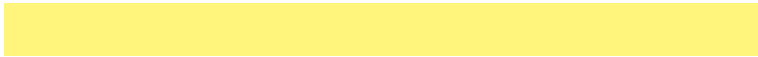
88.0201, 0.3925, 0.4456



88.0201, 0.1997, 0.2372

Square

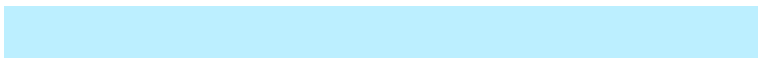
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.0201, 0.3925, 0.4456



88.0201, 0.2178, 0.3392



88.0201, 0.2300, 0.2247



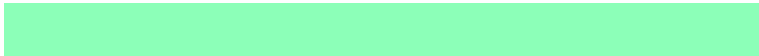
88.0201, 0.4148, 0.3085

Rectangle

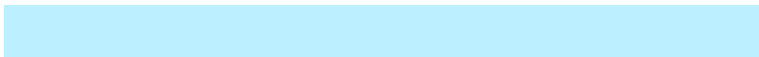
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.0201, 0.3925, 0.4456



88.0201, 0.2862, 0.4271



88.0201, 0.2300, 0.2247



88.0201, 0.3290, 0.2531

Sweetspot

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



88.0242, 0.3925, 0.4456



95.9292, 0.3357, 0.3636



37.4296, 0.4492, 0.3183



20.4189, 0.3391, 0.3686



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

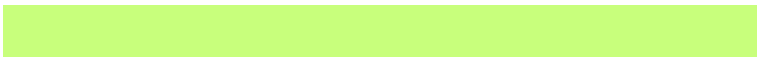
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.0242, 0.3925, 0.4456



86.1862, 0.4065, 0.4645



85.3125, 0.3502, 0.4717



20.8395, 0.3271, 0.3507



42.4192, 0.4334, 0.4941



4.1979, 0.4316, 0.4955

Inverse Universe

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



28.5626, 0.2157, 0.1766



20.6848, 0.1945, 0.1415



31.1783, 0.2526, 0.1800



17.6002, 0.2978, 0.3063



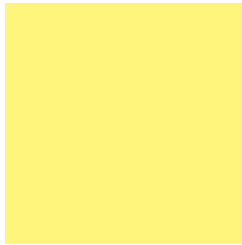
4.1028, 0.1513, 0.0647



0.4729, 0.1542, 0.0751

Previews

White Background



This preview shows how the Yxy color 88.0201, 0.3925, 0.4456 looks on a white background.

Color Contrast Check

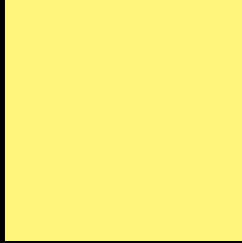
Large Text (above 18pt) WCAG AA × Fail

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 88.0201, 0.3925, 0.4456 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

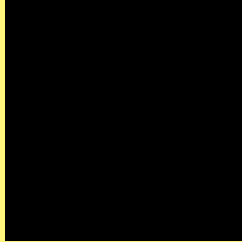
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 88.0201, 0.3925, 0.4456

Background



This preview shows how black text looks on a background with the Yxy color 88.0201, 0.3925, 0.4456.



This preview shows how white text looks on a background with the Yxy color 88.0201, 0.3925, 0.4456.

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

88.0201, 0.3925, 0.4456

Protanopia

87.8447, 0.3552, 0.3811

Deuteranopia

87.6295, 0.3350, 0.3459



Tritanopia

87.8435, 0.3198, 0.3203

Trichromacy



Original Color

88.0201, 0.3925, 0.4456



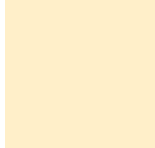
Protanomaly

87.4809, 0.3702, 0.4059



Deuteranomaly

87.7158, 0.3571, 0.3841



Tritanomaly

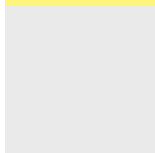
87.2101, 0.3479, 0.3671

Monochromacy



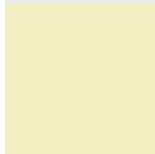
Original Color

88.0201, 0.3925, 0.4456



Achromatopsia

82.2786, 0.3127, 0.3290



Achromatomaly

83.9214, 0.3434, 0.3746

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.0201, 0.3925, 0.4456 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(255, 245, 124)` looks like.

```
.text, #text, p{  
    color:rgb(255, 245, 124)  
}
```

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(255, 245, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 245, 124) }
```

Border

The CSS property to change the border of an element to Yxy 88.0201, 0.3925, 0.4456 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(255, 245, 124) }
```

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

```
.border{ border-color:rgb(255, 245, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 245, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 245, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 245, 124);  
box-shadow:4px 4px 4px 4px rgb(255, 245,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 88.0201, 0.3925, 0.4456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 245, 124) }
```

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

```
.background{ background-color: rgb(255,  
245, 124) }
```

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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