

Converting Colors

Yxy(88.4681, 0.3766, 0.4194)

Have a look what the booklet for
Yxy(88.4681, 0.3766, 0.4194)
contains.

Yxy(88.2613, 0.3767, 0.4191)	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(88.2613, 0.3767, 0.4191)

Conversions

Conversions Part 1

Format	Color
Hex	FFF499
RGB	255, 244, 153
RGB Percent	100%, 96%, 60%
CMY	0.0001, 0.0431, 0.3999
CMYK	0.00, 0.04, 0.40, 0.00
HSL	54°, 100%, 80%
HSV	54°, 40%, 100%
XYZ	79.3320, 88.2613, 43.0040
YIQ	236.9150, 35.7670, -25.9690

Conversions

Conversions Part 2

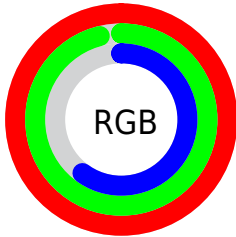
Format	Color
R_{YB}	165, 255, 153
Decimal	16774297
CIE _{Lab}	95.27, -8.85, 45.11
CIE _{LCh}	95, 45.967, 101.098
Yxy	88.2613, 0.3767, 0.4191
Android (android.graphics.Color)	4294964377 (0xFFFFFFFF499)
YUV	236.9150, -41.3701, 15.8605
Hunter-Lab	93.9475, -13.6775, 38.6236

Details

The Yxy color **88.2613, 0.3767, 0.4191** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **40.5350, 0.2402, 0.2190**, and the grayscale version is **84.9240, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.3341, 0.3406, 0.3751**, and **48.7569, 0.3893, 0.4383** is the 20% darker color. If you saturate the color by 10%, you get **85.8752, 0.3924, 0.4397**, and if you desaturate by 10%, it is **90.8600, 0.3603, 0.3969**.

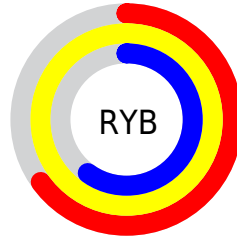
Distribution



Red (100%)

Green (96%)

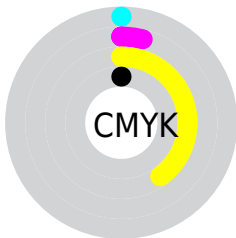
Blue (60%)



Red (65%)

Yellow (100%)

Blue (60%)

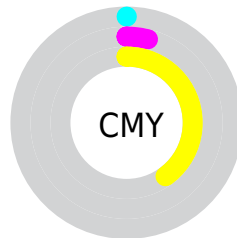


Cyan (0%)

Magenta (4%)

Yellow (40%)

Black (0%)



Cyan (0%)


Magenta (4%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.2613, 0.3767, 0.4191 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 88.2613, 0.3767, 0.4191 by changing the saturation by 10% instead.


 88.2613, 0.3767,
0.4191

 88.2613, 0.3767,
0.4191


522.3586, 0.3493,
0.3790

 66.5395, 0.3823,
0.4277


 144.9209, 0.3677,
0.4056

 48.7105, 0.3889,
0.4380

 180.6275, 0.3641,
0.4002

 34.3899, 0.3966,
0.4505

221.7644, 0.3608,
0.3955

 23.1933, 0.4056,
0.4658

268.7161, 0.3580,
0.3914

 14.7363, 0.4160,
0.4847

321.8670, 0.3555,
0.3878

 8.6345, 0.4271,
0.5079

381.6014, 0.3532,

 4.5036, 0.4492,

0.3845

0.5508

448.3038, 0.3511,
0.3816

■ 1.9590, 0.4367,
0.5633

■ 0.5835, 0.3672,
0.6328

■ 88.2613, 0.3767,
0.4191

■ 88.2613, 0.3767,
0.4191

■ 85.8752, 0.3924,
0.4397

■ 90.8600, 0.3603,
0.3969

■ 83.6778, 0.4067,
0.4576

■ 93.6697, 0.3439,
0.3739

■ 81.6603, 0.4189,
0.4720

■ 96.7044, 0.3279,
0.3511

■ 79.8076, 0.4287,
0.4820

99.9723, 0.3127,
0.3290

■ 78.1021, 0.4356, 99.9928, 0.3127,
0.4874 0.3290

■ 76.5149, 0.4399,
0.4889

■ 76.5116, 0.4400,
0.4889

Harmonies

Analogous

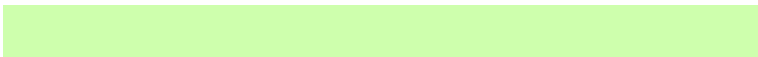
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.2613, 0.4093, 0.3929



88.2613, 0.3767, 0.4191



88.2613, 0.3284, 0.4200

Triad

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



88.2613, 0.3767, 0.4191



88.2613, 0.2202, 0.2901



88.2613, 0.3430, 0.2781

Complementary

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



88.2613, 0.3767, 0.4191



40.5350, 0.2402, 0.2190

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.



88.2613, 0.2903, 0.2542



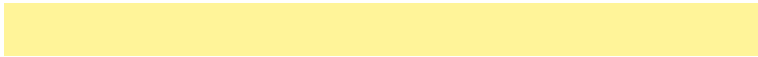
88.2613, 0.3767, 0.4191



88.2613, 0.2232, 0.2581

Square

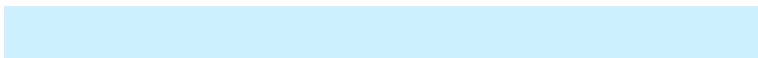
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.2613, 0.3767, 0.4191



88.2613, 0.2393, 0.3386



88.2613, 0.2476, 0.2466



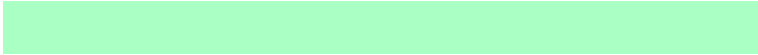
88.2613, 0.3902, 0.3135

Rectangle

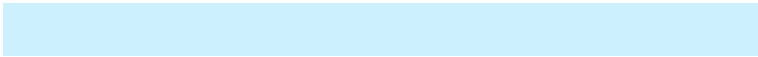
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.2613, 0.3767, 0.4191



88.2613, 0.2942, 0.4027



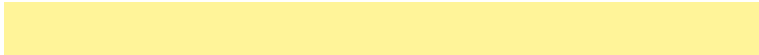
88.2613, 0.2476, 0.2466



88.2613, 0.3251, 0.2686

Sweetspot

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



88.2653, 0.3767, 0.4191



96.1050, 0.3311, 0.3557



46.7591, 0.4024, 0.3168



20.4841, 0.3332, 0.3586



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

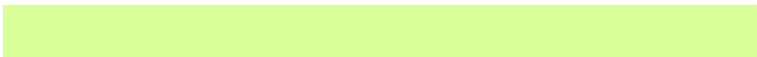
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.2653, 0.3767, 0.4191



86.3617, 0.3893, 0.4358



88.3786, 0.3460, 0.4382



20.7378, 0.3272, 0.3500



40.1268, 0.4396, 0.4892



3.9985, 0.4370, 0.4913

Inverse Universe

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



40.5350, 0.2402, 0.2190



32.6526, 0.2236, 0.1927



41.2301, 0.2663, 0.2144



17.6915, 0.2979, 0.3071



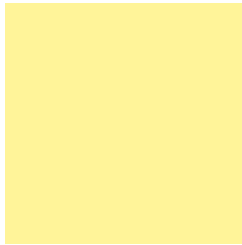
4.2920, 0.1521, 0.0673



0.5159, 0.1558, 0.0810

Previews

White Background



This preview shows how the Yxy color 88.2613, 0.3767, 0.4191 looks on a white background.

Color Contrast Check

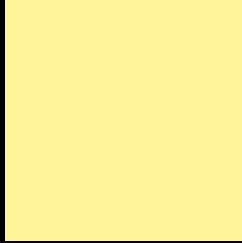
Large Text (above 18pt) WCAG AA × Fail

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 88.2613, 0.3767, 0.4191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

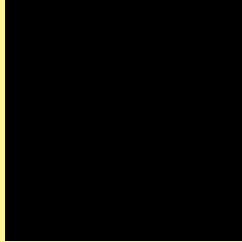
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 88.2613, 0.3767, 0.4191

Background



This preview shows how black text looks on a background with the Yxy color 88.2613, 0.3767, 0.4191.

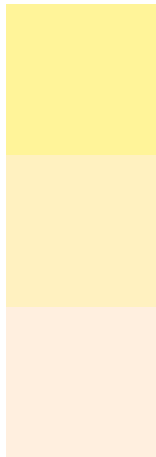


This preview shows how white text looks on a background with the Yxy color 88.2613, 0.3767, 0.4191.

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

88.2613, 0.3767, 0.4191

Protanopia

87.9764, 0.3533, 0.3781

Deuteranopia

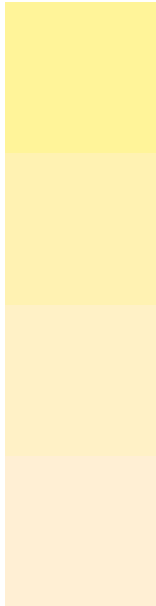
88.3207, 0.3336, 0.3449



Tritanopia

87.9047, 0.3192, 0.3193

Trichromacy



Original Color

88.2613, 0.3767, 0.4191

Protanomaly

87.9786, 0.3620, 0.3930

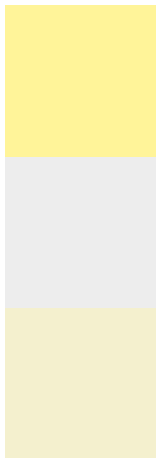
Deuteranomaly

88.2478, 0.3494, 0.3720

Tritanomaly

87.7465, 0.3407, 0.3559

Monochromacy



Original Color

88.2613, 0.3767, 0.4191

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

86.0095, 0.3367, 0.3638

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.2613, 0.3767, 0.4191 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, 244, 153)` looks like.

```
.text, #text, p{  
  color:rgb(255, 244, 153)  
}
```

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, 244, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 244, 153) }
```

Border

The CSS property to change the border of an element to Yxy 88.2613, 0.3767, 0.4191 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, 244, 153) }
```

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

```
.border{ border-color:rgb(255, 244, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 244, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 244, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 244, 153);  
box-shadow:4px 4px 4px 4px rgb(255, 244,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 88.2613, 0.3767, 0.4191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 244, 153) }
```

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

```
.background{ background-color: rgb(255,  
244, 153) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor