

Converting Colors

$Yxy(88.1744, 0.3687, 0.4051)$

Have a look what the booklet for
Yxy(88.1744, 0.3687, 0.4051)
contains.

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Color

Yxy(88.1512, 0.3686, 0.4048)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FFF3A7 |
| RGB | 255, 243, 167 |
| RGB Percent | 100%, 95%, 65% |
| CMY | 0.0000, 0.0470, 0.3451 |
| CMYK | 0.00, 0.05, 0.35, 0.00 |
| HSL | 52°, 100%, 83% |
| HSV | 52°, 35%, 100% |
| XYZ | 80.2681, 88.1512, 49.3455 |
| YIQ | 237.9240, 31.5480, -21.0920 |

Conversions

Conversions Part 2

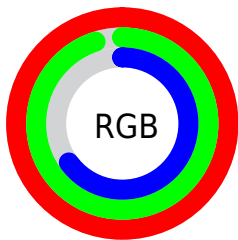
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 181, 255, 167 |
| Decimal | 16774055 |
| CIE _{Lab} | 95.22, -6.80, 38.14 |
| CIE _{LCh} | 95, 38.745, 100.114 |
| Yxy | 88.1512, 0.3686, 0.4048 |
| Android (android.graphics.Color) | 4294964135 (0xFFFFF3A7) |
| YUV | 237.9240, -34.9655, 14.9757 |
| Hunter-Lab | 93.8889, -11.7011, 34.5610 |

Details

The Yxy color **88.1512, 0.3686, 0.4048** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **47.6775, 0.2519, 0.2396**, and the grayscale version is **85.6972, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1077, 0.3315, 0.3601**, and **48.6259, 0.3797, 0.4212** is the 20% darker color. If you saturate the color by 10%, you get **85.2404, 0.3853, 0.4259**, and if you desaturate by 10%, it is **91.2923, 0.3517, 0.3827**.

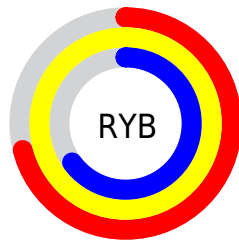
Distribution



Red (100%)

Green (95%)

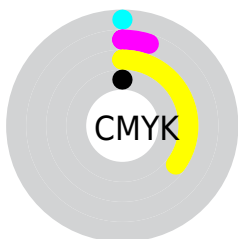
Blue (65%)



Red (71%)

Yellow (100%)

Blue (65%)

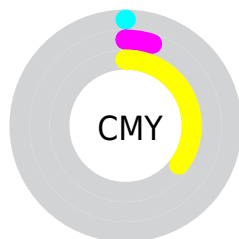


Cyan (0%)

Magenta (5%)

Yellow (35%)

Black (0%)



Cyan (0%)


Magenta (5%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.1512, 0.3686, 0.4048 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 88.1512, 0.3686, 0.4048 by changing the saturation by 10% instead.

 88.1512, 0.3686,
0.4048

 88.1512, 0.3686,
0.4048


521.9983, 0.3443,
0.3709

 66.4483, 0.3737,
0.4122


 144.7676, 0.3605,
0.3933

 48.6364, 0.3797,
0.4210


 180.4500, 0.3573,
0.3888

 34.3311, 0.3870,
0.4319


221.5609, 0.3544,
0.3848

 23.1481, 0.3958,
0.4454

268.4848, 0.3519,
0.3814

 14.7029, 0.4064,
0.4624

321.6061, 0.3497,
0.3783

 8.6111, 0.4190,
0.4843

381.3092, 0.3477,

 4.4884, 0.4383,

0.3756

0.5185

447.9784, 0.3459,
0.3731

■ 1.9504, 0.4486,
0.5514

■ 0.5784, 0.3988,
0.6012

■ 88.1512, 0.3686,
0.4048

■ 88.1512, 0.3686,
0.4048

■ 85.2404, 0.3853,
0.4259

■ 91.2923, 0.3517,
0.3827

■ 82.5413, 0.4011,
0.4450

■ 94.6666, 0.3352,
0.3604

■ 80.0440, 0.4155,
0.4611

■ 98.2860, 0.3195,
0.3385

■ 77.7346, 0.4276,
0.4732

100.0000, 0.3127,
0.3290

■ 75.5970, 0.4370,
0.4808

■ 73.6114, 0.4435,
0.4838

■ 72.5702, 0.4461,
0.4840

Harmonies

Analogous

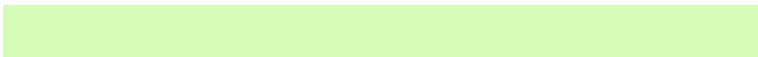
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.1512, 0.3951, 0.3832



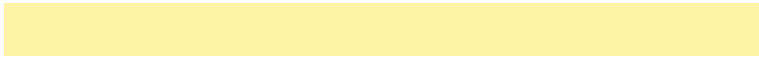
88.1512, 0.3686, 0.4048



88.1512, 0.3281, 0.4052

Triad

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



88.1512, 0.3686, 0.4048



88.1512, 0.2338, 0.2979



88.1512, 0.3370, 0.2846

Complementary

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



88.1512, 0.3686, 0.4048



47.6775, 0.2519, 0.2396

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.



88.1512, 0.2926, 0.2644



88.1512, 0.3686, 0.4048



88.1512, 0.2357, 0.2696

Square

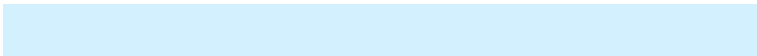
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.1512, 0.3686, 0.4048



88.1512, 0.2512, 0.3390



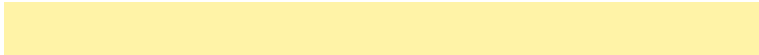
88.1512, 0.2563, 0.2585



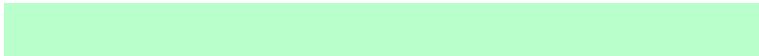
88.1512, 0.3769, 0.3152

Rectangle

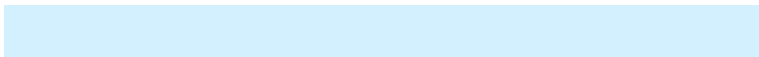
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.1512, 0.3686, 0.4048



88.1512, 0.2990, 0.3912



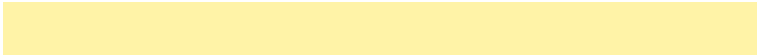
88.1512, 0.2563, 0.2585



88.1512, 0.3220, 0.2765

Sweetspot

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



88.1537, 0.3686, 0.4048



96.2670, 0.3280, 0.3504



52.2035, 0.3825, 0.3153



20.4971, 0.3303, 0.3535



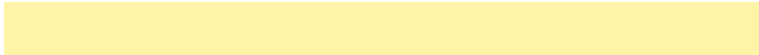
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

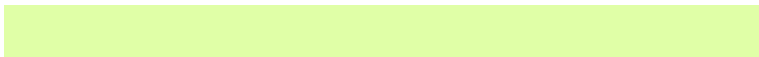
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.1537, 0.3686, 0.4048



86.2372, 0.3795, 0.4187



90.1899, 0.3439, 0.4218



20.6434, 0.3273, 0.3494



38.0829, 0.4456, 0.4844



3.8196, 0.4422, 0.4871

Inverse Universe

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



47.6775, 0.2519, 0.2396



40.5502, 0.2387, 0.2195



46.8390, 0.2719, 0.2311



17.7769, 0.2979, 0.3078



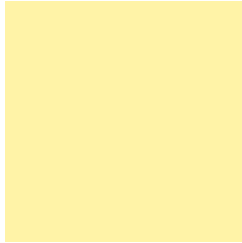
4.5146, 0.1529, 0.0704



0.5560, 0.1573, 0.0864

Previews

White Background



This preview shows how the Yxy color 88.1512, 0.3686, 0.4048 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 88.1512, 0.3686, 0.4048 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 88.1512, 0.3686, 0.4048

Background



This preview shows how black text looks on a background with the Yxy color 88.1512, 0.3686, 0.4048.

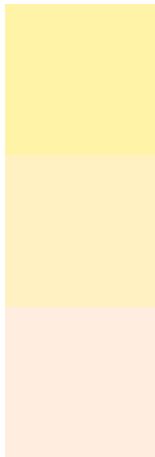


This preview shows how white text looks on a background with the Yxy color 88.1512, 0.3686, 0.4048.

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

88.1512, 0.3686, 0.4048

Protanopia

88.0208, 0.3526, 0.3771

Deuteranopia

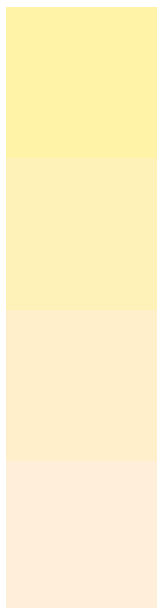
87.7909, 0.3330, 0.3429



Tritanopia

87.9663, 0.3186, 0.3183

Trichromacy



Original Color

88.1512, 0.3686, 0.4048

Protanomaly

88.2250, 0.3582, 0.3870

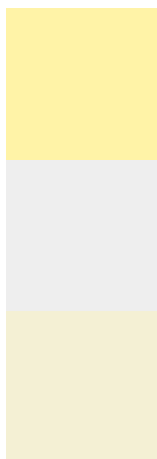
Deuteranomaly

87.8920, 0.3464, 0.3660

Tritanomaly

88.0550, 0.3368, 0.3499

Monochromacy



Original Color

88.1512, 0.3686, 0.4048

Achromatopsia

85.4993, 0.3127, 0.3290

Achromatomaly

86.3067, 0.3329, 0.3576

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.1512, 0.3686, 0.4048 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, 243, 167)` looks like.

```
.text, #text, p{  
    color:rgb(255, 243, 167)  
}
```

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, 243, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 243, 167) }
```

Border

The CSS property to change the border of an element to Yxy 88.1512, 0.3686, 0.4048 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, 243, 167) }
```

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

```
.border{ border-color:rgb(255, 243, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 243, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 243, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 243, 167);  
box-shadow:4px 4px 4px 4px rgb(255, 243,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 88.1512, 0.3686, 0.4048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 243, 167) }
```

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

```
.background{ background-color: rgb(255,  
243, 167) }
```

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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