

Converting Colors

Yxy(93.3143, 0.4069, 0.4847)

Have a look what the booklet for
Yxy(93.3143, 0.4069, 0.4847)
contains.

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Color

Yxy(93.3158, 0.4068, 0.4846)

Conversions

Conversions Part 1

Format	Color
Hex	FFFF4D
RGB	255, 255, 77
RGB Percent	100%, 100%, 30%
CMY	0.0001, 0.0000, 0.6978
CMYK	0.00, 0.00, 0.70, 0.00
HSL	60°, 100%, 65%
HSV	60°, 70%, 100%
XYZ	78.3344, 93.3158, 20.9123
YIQ	234.7080, 57.1380, -55.3580

Conversions

Conversions Part 2

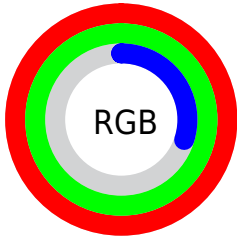
Format	Color
R _Y B	77, 255, 77
Decimal	16777037
CIE Lab	97.36, -19.82, 80.05
CIE LCh	97, 82.465, 103.904
Yxy	93.3158, 0.4068, 0.4846
Android (android.graphics.Color)	4294967117 (0xFFFFFFFF4D)
YUV	234.7080, -77.7500, 17.7961
Hunter-Lab	96.6001, -24.3019, 54.7848

Details

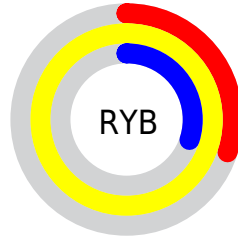
The Yxy color **93.3158, 0.4068, 0.4846** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **14.1156, 0.1775, 0.1054**, and the grayscale version is **83.4123, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.5576, 0.3819, 0.4434**, and **52.4489, 0.4158, 0.5080** is the 20% darker color. If you saturate the color by 10%, you get **93.0187, 0.4135, 0.4956**, and if you desaturate by 10%, it is **93.7464, 0.3975, 0.4692**.

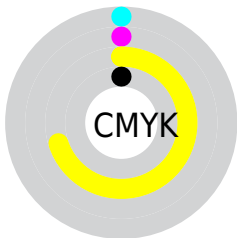
Distribution



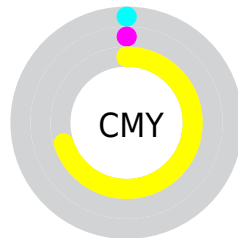
- Red (100%)
- Green (100%)
- Blue (30%)



- Red (30%)
- Yellow (100%)
- Blue (30%)



- Cyan (0%)
- Magenta (0%)
- Yellow (70%)
- Black (0%)





- Cyan (0%)
- Magenta (0%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.3158, 0.4068, 0.4846 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 93.3158, 0.4068, 0.4846 by changing the saturation by 10% instead.


 93.3158, 0.4068,
0.4846

 93.3158, 0.4068,
0.4846


538.7590, 0.3717,
0.4188

 70.7340, 0.4123,
0.4972


 151.9358, 0.3966,
0.4636


 52.1252, 0.4178,
0.5115

 188.7427, 0.3921,
0.4549

 37.1048, 0.4228,
0.5273


 231.0602, 0.3879,
0.4471

 25.2887, 0.4262,
0.5445


 279.2726, 0.3840,
0.4402

 16.2923, 0.4296,
0.5665

333.7642, 0.3805,
0.4340

 9.7312, 0.4204,
0.5796


394.9196, 0.3773,


 5.2211, 0.4044,


0.4284


0.5956


463.1231, 0.3744,
0.4234

 2.3776, 0.3786,
0.6214


 0.8143, 0.2628,
0.7372


 93.3158, 0.4068,
0.4846

 93.3158, 0.4068,
0.4846


 93.0187, 0.4135,
0.4956


 93.7464, 0.3975,
0.4692


 92.8490, 0.4175,
0.5023


 94.3366, 0.3859,
0.4500

 92.7747, 0.4193,
0.5052

 95.0955, 0.3725,
0.4279

 92.7735, 0.4193,
0.5053

 96.0348, 0.3579,
0.4037

 97.1648, 0.3426,
0.3785

 98.4953, 0.3273,
0.3532

100.0000, 0.3127,
0.3290

Harmonies

Analogous

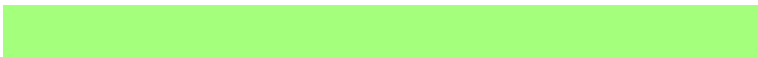
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.3158, 0.4701, 0.4312



93.3158, 0.4068, 0.4846



93.3158, 0.3237, 0.4947

Triad

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



93.3158, 0.4068, 0.4846



93.3158, 0.1612, 0.2503



93.3158, 0.3721, 0.2494

Complementary

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



93.3158, 0.4068, 0.4846



14.1156, 0.1775, 0.1054

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.



93.3158, 0.2795, 0.2110



93.3158, 0.4068, 0.4846



93.3158, 0.1699, 0.2064

Square

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



93.3158, 0.4068, 0.4846



93.3158, 0.1846, 0.3322



93.3158, 0.2091, 0.1953



93.3158, 0.4556, 0.3041

Rectangle

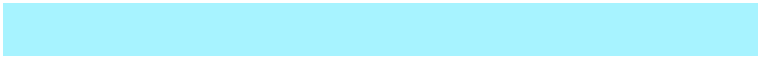
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93.3158, 0.4068, 0.4846



93.3158, 0.2677, 0.4611



93.3158, 0.2091, 0.1953



93.3158, 0.3402, 0.2344

Sweetspot

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



93.3120, 0.4068, 0.4846



97.0169, 0.3445, 0.3816



27.1112, 0.5502, 0.3297



20.6960, 0.3487, 0.3886



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.



93.3120, 0.4068, 0.4846



92.9332, 0.4155, 0.4989



80.1662, 0.3459, 0.5249



21.0907, 0.3269, 0.3525



48.4762, 0.4193, 0.5053



4.7200, 0.4193, 0.5053

Inverse Universe

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



14.1156, 0.1775, 0.1054



9.2600, 0.1588, 0.0745



20.6444, 0.2370, 0.1343



17.3779, 0.2978, 0.3044



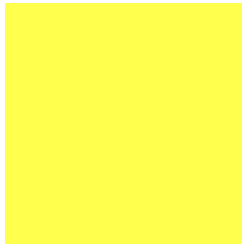
3.7728, 0.1500, 0.0600



0.3674, 0.1500, 0.0600

Previews

White Background



This preview shows how the Yxy color 93.3158, 0.4068, 0.4846 looks on a white background.

Color Contrast Check

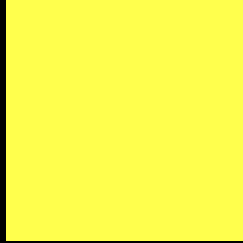
Large Text (above 18pt) WCAG AA × Fail

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 93.3158, 0.4068, 0.4846 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 93.3158, 0.4068, 0.4846

Background



This preview shows how black text looks on a background with the Yxy color 93.3158, 0.4068, 0.4846.



This preview shows how white text looks on a background with the Yxy color 93.3158, 0.4068, 0.4846.

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



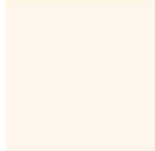
Original Color

93.3158, 0.4068, 0.4846



Protanopia

92.8960, 0.3350, 0.3566



Deuteranopia

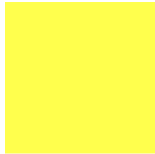
93.1697, 0.3252, 0.3397



Tritanopia

92.8635, 0.3162, 0.3232

Trichromacy



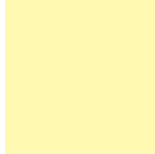
Original Color

93.3158, 0.4068, 0.4846



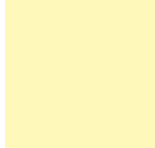
Protanomaly

92.4212, 0.3664, 0.4110



Deuteranomaly

92.2257, 0.3601, 0.3994



Tritanomaly

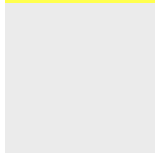
91.9827, 0.3548, 0.3896

Monochromacy



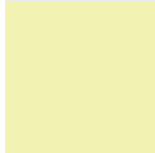
Original Color

93.3158, 0.4068, 0.4846



Achromatopsia

83.0770, 0.3127, 0.3290



Achromatomaly

85.5959, 0.3527, 0.3952

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.3158, 0.4068, 0.4846 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, 255, 77)` looks like.

```
.text, #text, p{  
    color:rgb(255, 255, 77)  
}
```

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, 255, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 255, 77) }
```

Border

The CSS property to change the border of an element to Yxy 93.3158, 0.4068, 0.4846 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, 255, 77) }
```

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

```
.border{ border-color:rgb(255, 255, 77) }
```

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

Here you see how a box with a 4 pixel rgb(255, 255, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 255, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 255, 77);  
box-shadow:4px 4px 4px 4px rgb(255, 255,  
77) }
```


Background

The CSS property to change the background color of an element to Yxy 93.3158, 0.4068, 0.4846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 255, 77) }
```

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

```
.background{ background-color: rgb(255,  
255, 77) }
```

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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