

Converting Colors

$Y_{xy}(92.8965, 0.3982, 0.4762)$

Have a look what the booklet for
Yxy(92.8965, 0.3982, 0.4762)
contains.

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Color

Yxy(92.8374, 0.3981, 0.4765)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FBFF5E |
| RGB | 251, 255, 94 |
| RGB Percent | 98%, 100%, 37% |
| CMY | 0.0157, 0.0000, 0.6312 |
| CMYK | 0.02, 0.00, 0.63, 0.00 |
| HSL | 61°, 100%, 68% |
| HSV | 61°, 63%, 100% |
| XYZ | 77.5626, 92.8374, 24.4319 |
| YIQ | 235.4500, 49.2970, -50.9190 |

Conversions

Conversions Part 2

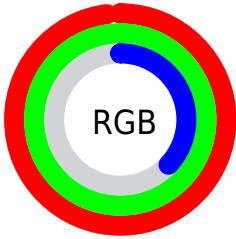
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 94, 255, 98 |
| Decimal | 16514910 |
| CIE Lab | 97.16, -20.52, 73.57 |
| CIE LCh | 97, 76.382, 105.587 |
| Yxy | 92.8374, 0.3981, 0.4765 |
| Android (android.graphics.Color) | 4294704990 (0xFFFFBFF5E) |
| YUV | 235.4500, -69.7348, 13.6374 |
| Hunter-Lab | 96.3522, -24.9255, 52.4124 |

Details

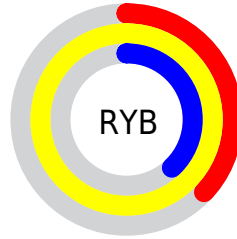
The Yxy color **92.8374, 0.3981, 0.4765** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **17.8347, 0.1914, 0.1260**, and the grayscale version is **83.9539, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0144, 0.3739, 0.4302**, and **51.5532, 0.4094, 0.5036** is the 20% darker color. If you saturate the color by 10%, you get **92.3332, 0.4061, 0.4910**, and if you desaturate by 10%, it is **93.4904, 0.3877, 0.4580**.

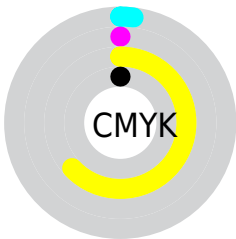
Distribution



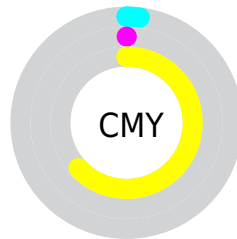
- Red (98%)
- Green (100%)
- Blue (37%)



- Red (37%)
- Yellow (100%)
- Blue (38%)



- Cyan (2%)
- Magenta (0%)
- Yellow (63%)
- Black (0%)



- Cyan (2%)
- Magenta (0%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 92.8374, 0.3981, 0.4765 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 92.8374, 0.3981, 0.4765 by changing the saturation by 10% instead.

 92.8374, 0.3981,
0.4765

 92.8374, 0.3981,
0.4765


537.2182, 0.3655,
0.4129

 70.3364, 0.4035,
0.4892


 151.2735, 0.3884,
0.4558


 51.8008, 0.4090,
0.5037


 187.9773, 0.3842,
0.4474

 36.8463, 0.4143,
0.5203

 230.1842, 0.3803,
0.4399

 25.0885, 0.4186,
0.5389

 278.2785, 0.3768,
0.4332

 16.1430, 0.4209,
0.5603

332.6447, 0.3736,
0.4273

 9.6254, 0.4177,
0.5823


393.6671, 0.3706,


 5.1513, 0.4010,


0.4220

0.5990


461.7302, 0.3680,
0.4172


 2.3363, 0.3738,
0.6262


 0.7928, 0.2416,
0.7584


 92.8374, 0.3981,
0.4765


 92.8374, 0.3981,
0.4765


 92.3332, 0.4061,
0.4910

 93.4904, 0.3877,
0.4580


 91.9664, 0.4114,
0.5010

 94.3098, 0.3752,
0.4363

 91.7168, 0.4142,
0.5068

 95.3061, 0.3614,
0.4123

 91.5942, 0.4149,
0.5088

 96.4902, 0.3468,
0.3871

97.8721, 0.3319,
0.3616

99.4610, 0.3172,
0.3366

100.0000, 0.3127,
0.3290

Harmonies

Analogous

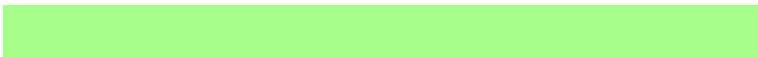
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.8374, 0.4582, 0.4298



92.8374, 0.3981, 0.4765



92.8374, 0.3197, 0.4802

Triad

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



92.8374, 0.3981, 0.4765



92.8374, 0.1698, 0.2530



92.8374, 0.3731, 0.2570

Complementary

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



92.8374, 0.3981, 0.4765



17.8347, 0.1914, 0.1260

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.



92.8374, 0.2866, 0.2194



92.8374, 0.3981, 0.4765



92.8374, 0.1795, 0.2128

Square

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



92.8374, 0.3981, 0.4765



92.8374, 0.1907, 0.3277



92.8374, 0.2187, 0.2033



92.8374, 0.4487, 0.3097

Rectangle

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



92.8374, 0.3981, 0.4765



92.8374, 0.2674, 0.4464



92.8374, 0.2187, 0.2033



92.8374, 0.3437, 0.2424

Sweetspot

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



92.8360, 0.3981, 0.4765



97.0347, 0.3406, 0.3766



30.5693, 0.5160, 0.3320



20.6877, 0.3449, 0.3839



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.



92.8360, 0.3981, 0.4765



92.2143, 0.4079, 0.4943



81.0820, 0.3440, 0.5093



21.0663, 0.3265, 0.3525



47.8704, 0.4150, 0.5087



4.6680, 0.4155, 0.5083

Inverse Universe

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



17.8347, 0.1914, 0.1260



11.7382, 0.1698, 0.0907



24.6061, 0.2483, 0.1518



17.3993, 0.2982, 0.3044



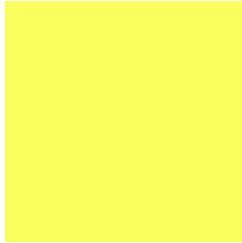
3.8034, 0.1507, 0.0604



0.3776, 0.1525, 0.0614

Previews

White Background



This preview shows how the Yxy color 92.8374, 0.3981, 0.4765 looks on a white background.

Color Contrast Check

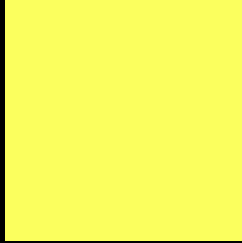
Large Text (above 18pt) WCAG AA × Fail

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 92.8374, 0.3981, 0.4765 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 92.8374, 0.3981, 0.4765

Background



This preview shows how black text looks on a background with the Yxy color 92.8374, 0.3981, 0.4765.



This preview shows how white text looks on a background with the Yxy color 92.8374, 0.3981, 0.4765.

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



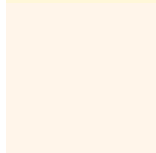
Original Color

92.8374, 0.3981, 0.4765



Protanopia

92.7913, 0.3363, 0.3586



Deuteranopia

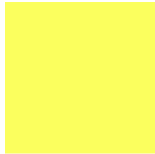
92.5053, 0.3259, 0.3398



Tritanopia

92.3262, 0.3157, 0.3213

Trichromacy



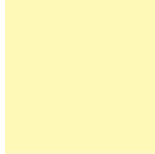
Original Color

92.8374, 0.3981, 0.4765



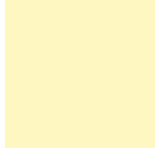
Protanomaly

92.4206, 0.3627, 0.4063



Deuteranomaly

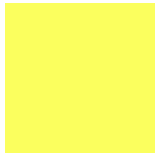
92.2411, 0.3563, 0.3946



Tritanomaly

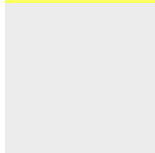
91.4874, 0.3500, 0.3818

Monochromacy



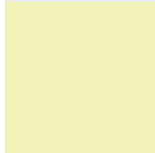
Original Color

92.8374, 0.3981, 0.4765



Achromatopsia

83.0770, 0.3127, 0.3290



Achromatomaly

85.6657, 0.3482, 0.3891

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.8374, 0.3981, 0.4765 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(251, 255, 94)` looks like.

```
.text, #text, p{  
    color:rgb(251, 255, 94)  
}
```

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(251, 255, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 255, 94) }
```

Border

The CSS property to change the border of an element to Yxy 92.8374, 0.3981, 0.4765 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(251, 255, 94) }
```

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

```
.border{ border-color:rgb(251, 255, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 255, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 255, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 255, 94);  
box-shadow:4px 4px 4px 4px rgb(251, 255,  
94) }
```


Background

The CSS property to change the background color of an element to Yxy 92.8374, 0.3981, 0.4765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 255, 94) }
```

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

```
.background{ background-color: rgb(251,  
255, 94) }
```

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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