

Converting Colors

Yxy(88.7593, 0.4164, 0.5076)

Have a look what the booklet for
Yxy(88.7593, 0.4164, 0.5076)
contains.

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Color

Yxy(88.7685, 0.4165, 0.5075)

Conversions

Conversions Part 1

Format	Color
Hex	F7FB00
RGB	247, 251, 0
RGB Percent	97%, 98%, 0%
CMY	0.0314, 0.0156, 1.0000
CMYK	0.02, 0.00, 1.00, 0.02
HSL	61°, 100%, 49%
HSV	61°, 100%, 98%
XYZ	72.8514, 88.7685, 13.2934
YIQ	221.1900, 78.1870, -78.9090

Conversions

Conversions Part 2

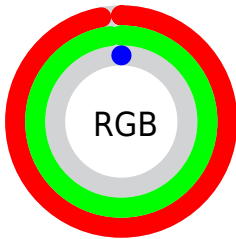
Format	Color
RYB	0, 251, 4
Decimal	16251648
CIELab	95.48, -22.95, 93.00
CIELCh	95, 95.785, 103.863
Yxy	88.7685, 0.4165, 0.5075
Android (android.graphics.Color)	4294441728 (0xFFFF7FB00)
YUV	221.1900, -109.0467, 22.6354
Hunter-Lab	94.2170, -26.8584, 57.5865

Details

The Yxy color **88.7685, 0.4165, 0.5075** is a light color, and the websafe version is hex **FFFF00**. The color can be described as light saturated yellow. A complement of this color would be **6.9918, 0.1503, 0.0602**, and the grayscale version is **73.1893, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6062, 0.4005, 0.4742**, and **49.4693, 0.4113, 0.5116** is the 20% darker color. If you saturate the color by 10%, you get **88.7726, 0.4165, 0.5075**, and if you desaturate by 10%, it is **88.9165, 0.4150, 0.5043**.

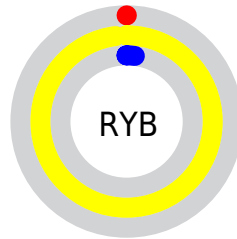
Distribution



Red (97%)

Green (98%)

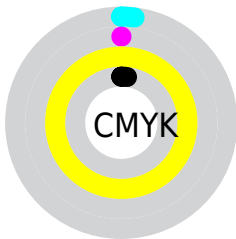
Blue (0%)



Red (0%)

Yellow (98%)

Blue (2%)

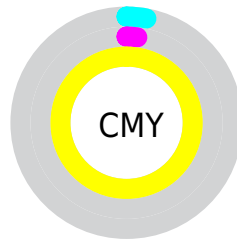


Cyan (2%)

Magenta (0%)

Yellow (100%)

Black (2%)



Cyan (3%)


Magenta (2%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.7685, 0.4165, 0.5075 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 88.7685, 0.4165, 0.5075 by changing the saturation by 10% instead.


 88.7685, 0.4165,
0.5075

 88.7685, 0.4165,
0.5075


524.0166, 0.3806,
0.4339


 66.9597, 0.4210,
0.5207


 145.6266, 0.4070,
0.4847


 49.0519, 0.4248,
0.5350

 181.4447, 0.4024,
0.4750


 34.6606, 0.4268,
0.5500


 222.7013, 0.3981,
0.4663

 23.4016, 0.4278,
0.5677

 269.7809, 0.3941,
0.4585

 14.8903, 0.4201,
0.5799

 323.0678, 0.3903,
0.4514

 8.7424, 0.4065,
0.5935


 382.9465, 0.3868,


 4.5736, 0.3863,


0.4450


0.6137

449.8013, 0.3836,
0.4392


 1.9993, 0.3528,
0.6472


 0.6071, 0.0269,
0.9731


 88.7685, 0.4165,
0.5075

 88.7685, 0.4165,
0.5075

 88.7726, 0.4165,
0.5075

 88.9165, 0.4150,
0.5043


 89.1514, 0.4113,
0.4974


 89.5051, 0.4049,
0.4861


 89.9946, 0.3960,
0.4705

 90.6342, 0.3847,
0.4511

 91.4363, 0.3716,
0.4287

 92.4119, 0.3573,
0.4044

 93.5714, 0.3424,
0.3791

 94.9239, 0.3274,
0.3537

Harmonies

Analogous

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



88.7685, 0.4919, 0.4402



88.7685, 0.4165, 0.5075



88.7685, 0.3211, 0.5277

Triad

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



88.7685, 0.4165, 0.5075



88.7685, 0.1405, 0.2354



88.7685, 0.3815, 0.2373

Complementary

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



88.7685, 0.4165, 0.5075



6.9918, 0.1503, 0.0602

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.



88.7685, 0.2728, 0.1947



88.7685, 0.4165, 0.5075



88.7685, 0.1505, 0.1879

Square

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



88.7685, 0.4165, 0.5075



88.7685, 0.1648, 0.3305



88.7685, 0.1935, 0.1770



88.7685, 0.4810, 0.2977

Rectangle

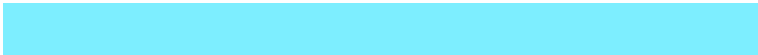
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.7685, 0.4165, 0.5075



88.7685, 0.2574, 0.4893



88.7685, 0.1935, 0.1770



88.7685, 0.3436, 0.2206

Sweetspot

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



88.7726, 0.4165, 0.5075



95.7826, 0.3574, 0.4044



20.5113, 0.6401, 0.3300



20.4053, 0.3635, 0.4149



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.



88.7726, 0.4165, 0.5075



92.0128, 0.4165, 0.5075



73.3994, 0.3353, 0.5720



20.1757, 0.3266, 0.3524



46.6646, 0.4165, 0.5075



4.3264, 0.4169, 0.5072

Inverse Universe

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



6.9918, 0.1503, 0.0602



7.2464, 0.1503, 0.0602



11.3642, 0.2005, 0.0878



16.6563, 0.2981, 0.3045



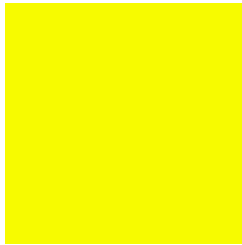
3.6806, 0.1505, 0.0603



0.3454, 0.1517, 0.0609

Previews

White Background



This preview shows how the Yxy color 88.7685, 0.4165, 0.5075 looks on a white background.

Color Contrast Check

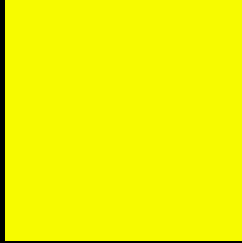
Large Text (above 18pt) WCAG AA × Fail

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 88.7685, 0.4165, 0.5075 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 88.7685, 0.4165, 0.5075

Background



This preview shows how black text looks on a background with the Yxy color 88.7685, 0.4165, 0.5075.

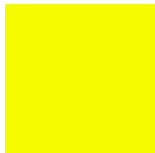


This preview shows how white text looks on a background with the Yxy color 88.7685, 0.4165, 0.5075.

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



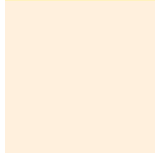
Original Color

88.7685, 0.4165, 0.5075



Protanopia

88.4820, 0.3543, 0.3810



Deuteranopia

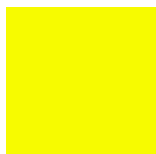
88.8006, 0.3347, 0.3478



Tritanopia

88.6057, 0.3179, 0.3184

Trichromacy



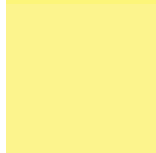
Original Color

88.7685, 0.4165, 0.5075



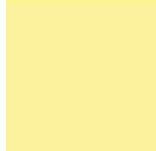
Protanomaly

87.3807, 0.3919, 0.4491



Deuteranomaly

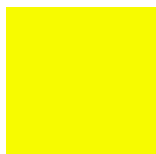
87.3199, 0.3816, 0.4310



Tritanomaly

86.6683, 0.3723, 0.4133

Monochromacy



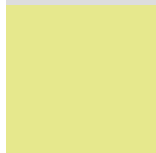
Original Color

88.7685, 0.4165, 0.5075



Achromatopsia

72.3055, 0.3127, 0.3290



Achromatomaly

76.4593, 0.3699, 0.4266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.7685, 0.4165, 0.5075 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(247, 251, 0)` looks like.

```
.text, #text, p{  
    color:rgb(247, 251, 0)  
}
```

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(247, 251, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 251, 0) }
```

Border

The CSS property to change the border of an element to Yxy 88.7685, 0.4165, 0.5075 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(247, 251, 0) }
```

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

```
.border{ border-color:rgb(247, 251, 0) }
```

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

Here you see how a box with a 4 pixel rgb(247, 251, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 251, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 251, 0);  
box-shadow:4px 4px 4px 4px rgb(247, 251,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 88.7685, 0.4165, 0.5075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 251, 0) }
```

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

```
.background{ background-color: rgb(247,  
251, 0) }
```

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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