

Converting Colors

Yxy(88.5322, 0.4237, 0.5008)

Have a look what the booklet for
Yxy(88.5322, 0.4237, 0.5008)
contains.

Yxy(88.4101, 0.4239, 0.5007)	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(88.4101, 0.4239, 0.5007)

Conversions

Conversions Part 1

Format	Color
Hex	FFF807
RGB	255, 248, 7
RGB Percent	100%, 97%, 3%
CMY	0.0000, 0.0274, 0.9734
CMYK	0.00, 0.03, 0.97, 0.00
HSL	58°, 100%, 51%
HSV	58°, 97%, 100%
XYZ	74.8493, 88.4101, 13.3136
YIQ	222.6190, 81.5330, -73.4670

Conversions

Conversions Part 2

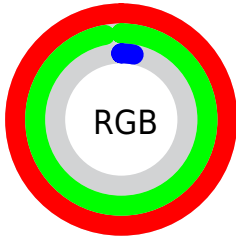
Format	Color
RYP	14, 255, 7
Decimal	16775175
CIELab	95.33, -18.16, 92.69
CIElCh	95, 94.448, 101.084
Yxy	88.4101, 0.4239, 0.5007
Android (android.graphics.Color)	4294965255 (0xFFFFF807)
YUV	222.6190, -106.3002, 28.3981
Hunter-Lab	94.0266, -22.4529, 57.4235

Details

The Yxy color **88.4101, 0.4239, 0.5007** 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 **7.5720, 0.1512, 0.0626**, and the grayscale version is **74.2160, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6245, 0.4002, 0.4736**, and **49.0367, 0.4202, 0.5045** is the 20% darker color. If you saturate the color by 10%, you get **88.2788, 0.4244, 0.5012**, and if you desaturate by 10%, it is **88.9451, 0.4210, 0.4974**.

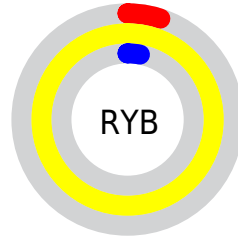
Distribution



Red (100%)

Green (97%)

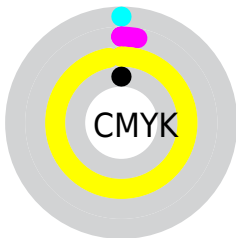
Blue (3%)



Red (5%)

Yellow (100%)

Blue (3%)

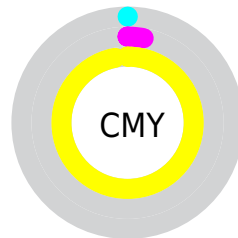


Cyan (0%)

Magenta (3%)

Yellow (97%)

Black (0%)



Cyan (0%)


Magenta (3%)


Yellow (97%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.4101, 0.4239, 0.5007 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 88.4101, 0.4239, 0.5007 by changing the saturation by 10% instead.


 88.4101, 0.4239,
0.5007

 88.4101, 0.4239,
0.5007


522.8453, 0.3844,
0.4309

 66.6628, 0.4292,
0.5130


 145.1280, 0.4131,
0.4793


 48.8106, 0.4340,
0.5261


 180.8673, 0.4081,
0.4701

 34.4693, 0.4374,
0.5397


 222.0394, 0.4033,
0.4619

 23.2543, 0.4399,
0.5556

 269.0286, 0.3989,
0.4544

 14.7814, 0.4343,
0.5657

 322.2195, 0.3949,
0.4476

 8.6661, 0.4237,
0.5763


 381.9962, 0.3911,


 4.5241, 0.4078,


0.4415


0.5922


448.7434, 0.3876,
0.4360


 1.9708, 0.3813,
0.6187


 0.5904, 0.1665,
0.8335


 88.4101, 0.4239,
0.5007


 88.4101, 0.4239,
0.5007

 88.2788, 0.4244,
0.5012

 88.9451, 0.4210,
0.4974

 89.5871, 0.4157,
0.4899

 90.3591, 0.4076,
0.4780

 91.2776, 0.3970,
0.4619

■ 92.3570, 0.3842,
0.4422

■ 93.6098, 0.3699,
0.4198

■ 95.0472, 0.3547,
0.3958

■ 96.6796, 0.3391,
0.3711

■ 98.5165, 0.3237,
0.3466

Harmonies

Analogous

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



88.4101, 0.4952, 0.4328



88.4101, 0.4239, 0.5007



88.4101, 0.3304, 0.5267

Triad

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



88.4101, 0.4239, 0.5007



88.4101, 0.1428, 0.2433



88.4101, 0.3703, 0.2334

Complementary

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



88.4101, 0.4239, 0.5007



7.5720, 0.1512, 0.0626

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.



88.4101, 0.2646, 0.1933



88.4101, 0.4239, 0.5007



88.4101, 0.1498, 0.1921

Square

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



88.4101, 0.4239, 0.5007



88.4101, 0.1706, 0.3416



88.4101, 0.1893, 0.1782



88.4101, 0.4717, 0.2922

Rectangle

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



88.4101, 0.4239, 0.5007



88.4101, 0.2667, 0.4948



88.4101, 0.1893, 0.1782



88.4101, 0.3331, 0.2175

Sweetspot

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



88.4112, 0.4239, 0.5007



94.7953, 0.3572, 0.3999



21.4419, 0.6345, 0.3286



20.1568, 0.3638, 0.4102



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.



88.4112, 0.4239, 0.5007



88.2788, 0.4244, 0.5012



77.0381, 0.3414, 0.5659



20.9976, 0.3270, 0.3518



46.1670, 0.4243, 0.5013



4.5217, 0.4237, 0.5018

Inverse Universe

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



7.5720, 0.1512, 0.0626



7.3761, 0.1503, 0.0612



11.5501, 0.1969, 0.0867



17.4597, 0.2978, 0.3051



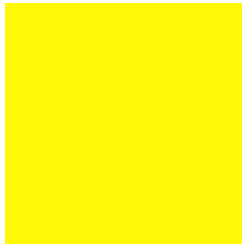
3.8896, 0.1505, 0.0617



0.4063, 0.1516, 0.0657

Previews

White Background



This preview shows how the Yxy color 88.4101, 0.4239, 0.5007 looks on a white background.

Color Contrast Check

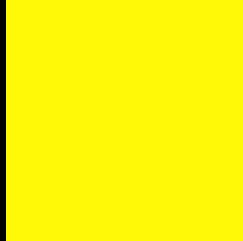
Large Text (above 18pt) WCAG AA × Fail

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 88.4101, 0.4239, 0.5007 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 88.4101, 0.4239, 0.5007

Background



This preview shows how black text looks on a background with the Yxy color 88.4101, 0.4239, 0.5007.



This preview shows how white text looks on a background with the Yxy color 88.4101, 0.4239, 0.5007.

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



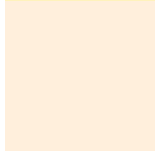
Original Color

88.4101, 0.4239, 0.5007



Protanopia

88.3951, 0.3556, 0.3830



Deuteranopia

88.1603, 0.3355, 0.3479



Tritanopia

88.4209, 0.3197, 0.3212

Trichromacy



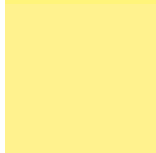
Original Color

88.4101, 0.4239, 0.5007



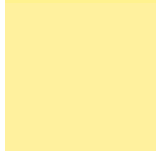
Protanomaly

87.3665, 0.3940, 0.4465



Deuteranomaly

86.7173, 0.3840, 0.4276



Tritanomaly

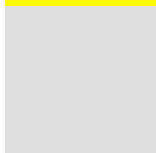
86.6392, 0.3748, 0.4117

Monochromacy



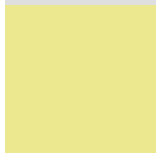
Original Color

88.4101, 0.4239, 0.5007



Achromatopsia

73.7910, 0.3127, 0.3290



Achromatomaly

77.3890, 0.3719, 0.4223

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.4101, 0.4239, 0.5007 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, 248, 7)` looks like.

```
.text, #text, p{  
    color:rgb(255, 248, 7)  
}
```

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, 248, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 248, 7) }
```

Border

The CSS property to change the border of an element to Yxy 88.4101, 0.4239, 0.5007 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, 248, 7) }
```

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

```
.border{ border-color:rgb(255, 248, 7) }
```

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

Here you see how a box with a 4 pixel rgb(255, 248, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 248, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 248, 7);  
box-shadow:4px 4px 4px 4px rgb(255, 248,  
7) }
```


Background

The CSS property to change the background color of an element to Yxy 88.4101, 0.4239, 0.5007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 248, 7) }
```

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

```
.background{ background-color: rgb(255,  
248, 7) }
```

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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