

Converting Colors

Yxy(88.8926, 0.4087, 0.4760)

Have a look what the booklet for
Yxy(88.8926, 0.4087, 0.4760)
contains.

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Color

Yxy(89.0349, 0.4086, 0.4762)

Conversions

Conversions Part 1

Format	Color
Hex	FFF854
RGB	255, 248, 84
RGB Percent	100%, 97%, 33%
CMY	0.0002, 0.0274, 0.6707
CMYK	0.00, 0.03, 0.67, 0.00
HSL	58°, 100%, 66%
HSV	58°, 67%, 100%
XYZ	76.3958, 89.0349, 21.5389
YIQ	231.3970, 56.8160, -49.5200

Conversions

Conversions Part 2

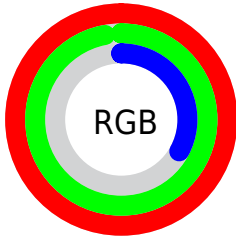
Format	Color
R_{YB}	91, 255, 84
Decimal	16775252
CIE _{Lab}	95.60, -16.13, 75.87
CIE _{LCh}	96, 77.566, 102.000
Yxy	89.0349, 0.4086, 0.4762
Android (android.graphics.Color)	4294965332 (0xFFFFF854)
YUV	231.3970, -72.6667, 20.6998
Hunter-Lab	94.3583, -20.6072, 52.5169

Details

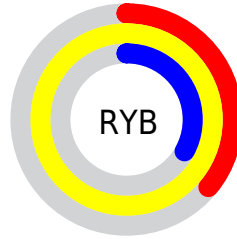
The Yxy color **89.0349, 0.4086, 0.4762** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **16.5674, 0.1837, 0.1197**, and the grayscale version is **80.7395, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.7330, 0.3788, 0.4382**, and **49.3167, 0.4213, 0.5020** is the 20% darker color. If you saturate the color by 10%, you get **88.0751, 0.4171, 0.4881**, and if you desaturate by 10%, it is **90.1518, 0.3976, 0.4601**.

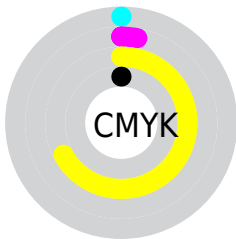
Distribution



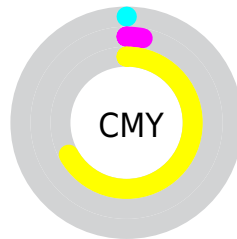
- Red (100%)
- Green (97%)
- Blue (33%)



- Red (36%)
- Yellow (100%)
- Blue (33%)



- Cyan (0%)
- Magenta (3%)
- Yellow (67%)
- Black (0%)





- Cyan (0%)
- Magenta (3%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.0349, 0.4086, 0.4762 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 89.0349, 0.4086, 0.4762 by changing the saturation by 10% instead.


 89.0349, 0.4086,
0.4762

 89.0349, 0.4086,
0.4762


524.8864, 0.3715,
0.4135


 67.1805, 0.4148,
0.4884


 145.9971, 0.3975,
0.4560

 49.2313, 0.4212,
0.5022

 181.8737, 0.3927,
0.4477

 34.8030, 0.4273,
0.5176


 223.1931, 0.3883,
0.4403

 23.5112, 0.4324,
0.5344

 270.3397, 0.3843,
0.4337

 14.9714, 0.4375,
0.5554

323.6979, 0.3806,
0.4279

 8.7993, 0.4313,
0.5687

383.6522, 0.3773,

 4.6105, 0.4174,

0.4226

0.5826

450.5869, 0.3743,
0.4178

■ 2.0206, 0.3944,
0.6056

■ 0.6194, 0.2395,
0.7605

■ 89.0349, 0.4086,
0.4762

■ 89.0349, 0.4086,
0.4762

■ 88.0751, 0.4171,
0.4881

■ 90.1518, 0.3976,
0.4601

■ 87.2434, 0.4229,
0.4956


■ 91.4275, 0.3845,
0.4404

■ 86.5225, 0.4261,
0.4989

■ 92.8786, 0.3699,
0.4182

■ 86.3226, 0.4267,
0.4994

■ 94.5164, 0.3544,
0.3944

 96.3512, 0.3387,
0.3699

 98.3926, 0.3233,
0.3457

99.9924, 0.3127,
0.3290

Harmonies

Analogous

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



89.0349, 0.4670, 0.4246



89.0349, 0.4086, 0.4762



89.0349, 0.3293, 0.4881

Triad

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



89.0349, 0.4086, 0.4762



89.0349, 0.1672, 0.2579



89.0349, 0.3639, 0.2496

Complementary

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



89.0349, 0.4086, 0.4762



16.5674, 0.1837, 0.1197

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.



89.0349, 0.2760, 0.2136



89.0349, 0.4086, 0.4762



89.0349, 0.1735, 0.2129

Square

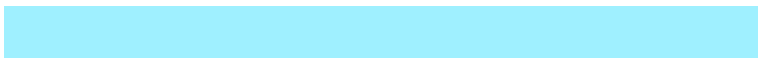
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



89.0349, 0.4086, 0.4762



89.0349, 0.1922, 0.3385



89.0349, 0.2098, 0.2000



89.0349, 0.4453, 0.3019

Rectangle

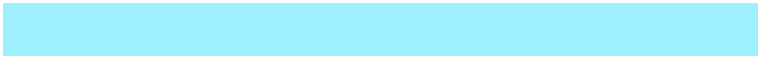
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89.0349, 0.4086, 0.4762



89.0349, 0.2751, 0.4588



89.0349, 0.2098, 0.2000



89.0349, 0.3335, 0.2354

Sweetspot

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



89.0391, 0.4086, 0.4762



95.8260, 0.3433, 0.3771



28.3700, 0.5267, 0.3224



20.3995, 0.3478, 0.3840



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.



89.0391, 0.4086, 0.4762



87.8495, 0.4191, 0.4908



81.6007, 0.3515, 0.5148



20.9568, 0.3270, 0.3515



45.1773, 0.4266, 0.4995



4.4365, 0.4257, 0.5002

Inverse Universe

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



16.5674, 0.1837, 0.1197



11.0806, 0.1644, 0.0868



21.1214, 0.2334, 0.1374



17.4959, 0.2978, 0.3054



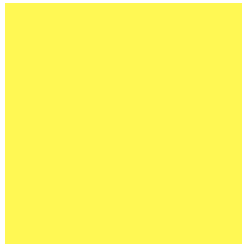
3.9411, 0.1507, 0.0624



0.4235, 0.1523, 0.0681

Previews

White Background



This preview shows how the Yxy color 89.0349, 0.4086, 0.4762 looks on a white background.

Color Contrast Check

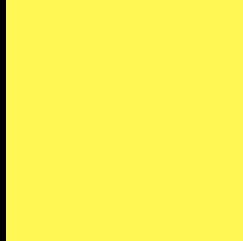
Large Text (above 18pt) WCAG AA × Fail

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 89.0349, 0.4086, 0.4762 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 89.0349, 0.4086, 0.4762

Background



This preview shows how black text looks on a background with the Yxy color 89.0349, 0.4086, 0.4762.



This preview shows how white text looks on a background with the Yxy color 89.0349, 0.4086, 0.4762.

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

89.0349, 0.4086, 0.4762

Protanopia

88.6593, 0.3518, 0.3770

Deuteranopia

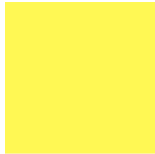
88.9079, 0.3334, 0.3458



Tritanopia

89.0629, 0.3190, 0.3213

Trichromacy



Original Color

89.0349, 0.4086, 0.4762



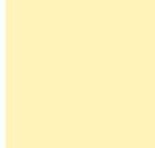
Protanomaly

88.2945, 0.3762, 0.4182



Deuteranomaly

88.3397, 0.3655, 0.3999



Tritanomaly

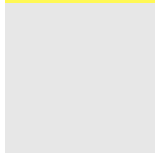
88.3521, 0.3563, 0.3840

Monochromacy



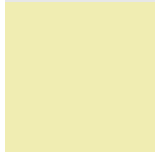
Original Color

89.0349, 0.4086, 0.4762



Achromatopsia

79.9103, 0.3127, 0.3290



Achromatomaly

82.3080, 0.3525, 0.3907

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.0349, 0.4086, 0.4762 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, 84)` looks like.

```
.text, #text, p{  
    color:rgb(255, 248, 84)  
}
```

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, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 248, 84) }
```

Border

The CSS property to change the border of an element to Yxy 89.0349, 0.4086, 0.4762 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, 84) }
```

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

```
.border{ border-color:rgb(255, 248, 84) }
```

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, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 248, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 248, 84);  
box-shadow:4px 4px 4px 4px rgb(255, 248,  
84) }
```


Background

The CSS property to change the background color of an element to Yxy 89.0349, 0.4086, 0.4762 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, 84) }
```

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

```
.background{ background-color: rgb(255,  
248, 84) }
```

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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