

Converting Colors

$Yxy(85.7947, 0.4095, 0.4963)$

Have a look what the booklet for
Yxy(85.7947, 0.4095, 0.4963)
contains.

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Color

Yxy(85.8426, 0.4096, 0.4960)

Conversions

Conversions Part 1

Format	Color
Hex	F3F736
RGB	243, 247, 54
RGB Percent	95%, 97%, 21%
CMY	0.0471, 0.0313, 0.7877
CMYK	0.02, 0.00, 0.78, 0.03
HSL	61°, 92%, 59%
HSV	61°, 78%, 97%
XYZ	70.8894, 85.8426, 16.3378
YIQ	223.8020, 59.5690, -60.8710

Conversions

Conversions Part 2

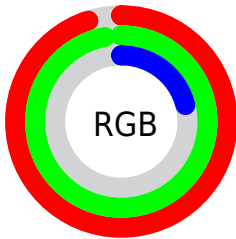
Format	Color
R _{YB}	54, 247, 58
Decimal	15988534
CIE Lab	94.25, -21.76, 83.80
CIE LCh	94, 86.578, 104.554
Yxy	85.8426, 0.4096, 0.4960
Android (android.graphics.Color)	4294178614 (0xFFFF3F736)
YUV	223.8020, -83.7124, 16.8366
Hunter-Lab	92.6513, -25.5658, 54.4009

Details

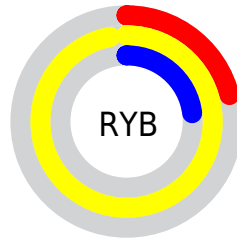
The Yxy color **85.8426, 0.4096, 0.4960** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **10.2699, 0.1669, 0.0862**, and the grayscale version is **74.9816, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.0644, 0.3912, 0.4588**, and **47.3289, 0.4120, 0.5110** is the 20% darker color. If you saturate the color by 10%, you get **85.5786, 0.4137, 0.5038**, and if you desaturate by 10%, it is **86.2327, 0.4028, 0.4837**.

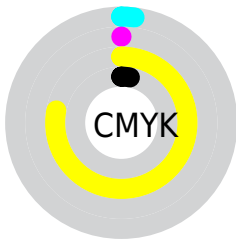
Distribution



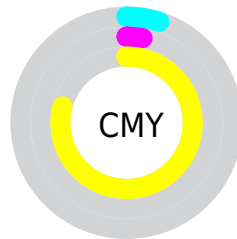
- Red (95%)
- Green (97%)
- Blue (21%)



- Red (21%)
- Yellow (97%)
- Blue (23%)



- Cyan (2%)
- Magenta (0%)
- Yellow (78%)
- Black (3%)





- Cyan (5%)
- Magenta (3%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.8426, 0.4096, 0.4960 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 85.8426, 0.4096, 0.4960 by changing the saturation by 10% instead.


 85.8426, 0.4096,
0.4960


 85.8426, 0.4096,
0.4960


514.4121, 0.3741,
0.4249


 64.5378, 0.4147,
0.5095


 141.5498, 0.3996,
0.4734

 47.0864, 0.4194,
0.5245


 176.7211, 0.3951,
0.4640


 33.1040, 0.4230,
0.5409


 217.2832, 0.3908,
0.4556

 22.2061, 0.4244,
0.5585

 263.6207, 0.3869,
0.4481

 14.0084, 0.4223,
0.5777

 316.1180, 0.3833,
0.4414

 8.1265, 0.4089,
0.5911


375.1594, 0.3800,


 4.1760, 0.3887,


0.4353


0.6113


441.1293, 0.3769,
0.4299


 1.7725, 0.3547,
0.6453


 0.4699, 0.0000,
1.0000


 85.8426, 0.4096,
0.4960


 85.8426, 0.4096,
0.4960


 85.5786, 0.4137,
0.5038


 86.2327, 0.4028,
0.4837


 85.4070, 0.4154,
0.5077


 86.7524, 0.3935,
0.4672

 85.3792, 0.4157,
0.5082


 87.4192, 0.3819,
0.4471

 88.2446, 0.3686,
0.4242

 89.2391, 0.3542,
0.3996

 90.4125, 0.3394,
0.3742

 91.7734, 0.3245,
0.3489

 93.3303, 0.3100,
0.3244

 93.6326, 0.3084,
0.3212

Harmonies

Analogous

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



85.8426, 0.4789, 0.4371



85.8426, 0.4096, 0.4960



85.8426, 0.3207, 0.5086

Triad

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



85.8426, 0.4096, 0.4960



85.8426, 0.1517, 0.2422



85.8426, 0.3786, 0.2451

Complementary

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



85.8426, 0.4096, 0.4960



10.2699, 0.1669, 0.0862

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.



85.8426, 0.2786, 0.2043



85.8426, 0.4096, 0.4960



85.8426, 0.1617, 0.1975

Square

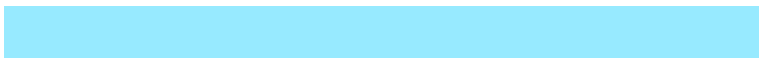
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.8426, 0.4096, 0.4960



85.8426, 0.1748, 0.3291



85.8426, 0.2034, 0.1871



85.8426, 0.4684, 0.3027

Rectangle

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



85.8426, 0.4096, 0.4960



85.8426, 0.2614, 0.4715



85.8426, 0.2034, 0.1871



85.8426, 0.3441, 0.2292

Sweetspot

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



85.8466, 0.4096, 0.4960



96.5507, 0.3468, 0.3868



23.0032, 0.5844, 0.3318



20.5708, 0.3521, 0.3960



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.



85.8466, 0.4096, 0.4960



91.8815, 0.4150, 0.5065



73.0289, 0.3429, 0.5440



19.2950, 0.3265, 0.3524



45.1598, 0.4157, 0.5081



3.9746, 0.4162, 0.5077

Inverse Universe

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



10.2699, 0.1669, 0.0862



7.7220, 0.1526, 0.0636



16.2148, 0.2290, 0.1183



15.9432, 0.2982, 0.3045



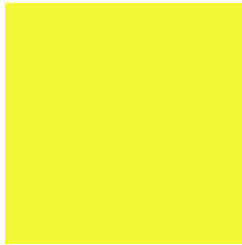
3.5766, 0.1506, 0.0604



0.3200, 0.1523, 0.0612

Previews

White Background



This preview shows how the Yxy color 85.8426, 0.4096, 0.4960 looks on a white background.

Color Contrast Check

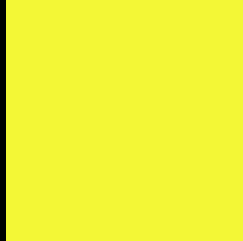
Large Text (above 18pt) WCAG AA × Fail

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 85.8426, 0.4096, 0.4960 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 85.8426, 0.4096, 0.4960

Background



This preview shows how black text looks on a background with the Yxy color 85.8426, 0.4096, 0.4960.



This preview shows how white text looks on a background with the Yxy color 85.8426, 0.4096, 0.4960.

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

85.8426, 0.4096, 0.4960

Protanopia

85.2736, 0.3689, 0.3983

Deuteranopia

85.3798, 0.3420, 0.3531



Tritanopia

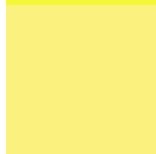
85.6270, 0.3194, 0.3154

Trichromacy



Original Color

85.8426, 0.4096, 0.4960



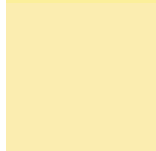
Protanomaly

84.9521, 0.3899, 0.4412



Deuteranomaly

84.5753, 0.3751, 0.4147



Tritanomaly

84.2122, 0.3618, 0.3911

Monochromacy



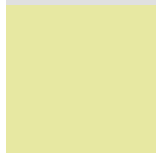
Original Color

85.8426, 0.4096, 0.4960



Achromatopsia

74.5404, 0.3127, 0.3290



Achromatomaly

77.3108, 0.3575, 0.4045

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.8426, 0.4096, 0.4960 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(243, 247, 54)` looks like.

```
.text, #text, p{  
    color:rgb(243, 247, 54)  
}
```

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(243, 247, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 247, 54) }
```

Border

The CSS property to change the border of an element to Yxy 85.8426, 0.4096, 0.4960 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(243, 247, 54) }
```

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

```
.border{ border-color:rgb(243, 247, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 247, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 247, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 247, 54);  
box-shadow:4px 4px 4px 4px rgb(243, 247,  
54) }
```


Background

The CSS property to change the background color of an element to Yxy 85.8426, 0.4096, 0.4960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 247, 54) }
```

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

```
.background{ background-color: rgb(243,  
247, 54) }
```

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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