

Converting Colors

$Yxy(85.6098, 0.3949, 0.4516)$

Have a look what the booklet for
Yxy(85.6098, 0.3949, 0.4516)
contains.

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Color

Yxy(85.8714, 0.3947, 0.4519)

Conversions

Conversions Part 1

Format	Color
Hex	FBF374
RGB	251, 243, 116
RGB Percent	98%, 95%, 45%
CMY	0.0155, 0.0471, 0.5450
CMYK	0.00, 0.03, 0.54, 0.02
HSL	56°, 94%, 72%
HSV	56°, 54%, 98%
XYZ	75.0021, 85.8714, 29.1495
YIQ	230.9140, 45.5350, -37.8010

Conversions

Conversions Part 2

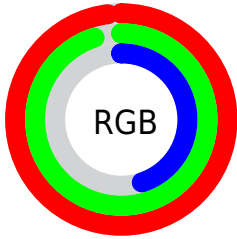
Format	Color
R_{YB}	125, 251, 116
Decimal	16511860
CIE _{Lab}	94.26, -13.20, 61.20
CIE _{LCh}	94, 62.607, 102.176
Yxy	85.8714, 0.3947, 0.4519
Android (android.graphics.Color)	4294701940 (0xFFFBF374)
YUV	230.9140, -56.6526, 17.6154
Hunter-Lab	92.6668, -17.6937, 46.2164

Details

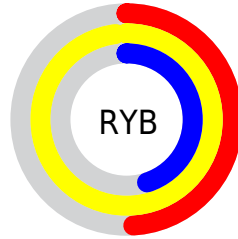
The Yxy color **85.8714, 0.3947, 0.4519** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **25.1193, 0.2103, 0.1659**, and the grayscale version is **80.2567, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.7203, 0.3626, 0.4115**, and **47.0949, 0.4079, 0.4757** is the 20% darker color. If you saturate the color by 10%, you get **84.4740, 0.4070, 0.4691**, and if you desaturate by 10%, it is **87.4419, 0.3806, 0.4316**.

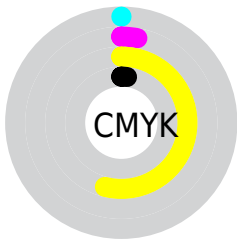
Distribution



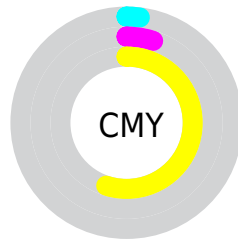
- Red (98%)
- Green (95%)
- Blue (45%)



- Red (49%)
- Yellow (98%)
- Blue (45%)



- Cyan (0%)
- Magenta (3%)
- Yellow (54%)
- Black (2%)




- Cyan (2%)
- Magenta (5%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.8714, 0.3947, 0.4519 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 85.8714, 0.3947, 0.4519 by changing the saturation by 10% instead.


 85.8714, 0.3947,
0.4519

 85.8714, 0.3947,
0.4519


514.5071, 0.3610,
0.3978

 64.5616, 0.4010,
0.4631


 141.5900, 0.3841,
0.4340

 47.1057, 0.4080,
0.4762


 176.7677, 0.3796,
0.4268

 33.1192, 0.4157,
0.4915


 217.3367, 0.3756,
0.4204

 22.2178, 0.4235,
0.5093

263.6816, 0.3721,
0.4148

 14.0170, 0.4304,
0.5296

316.1867, 0.3689,
0.4098

 8.1325, 0.4404,
0.5596

375.2363, 0.3660,

 4.1799, 0.4284,

0.4054

0.5716

441.2150, 0.3634,
0.4014

■ 1.7747, 0.4083,
0.5917

■ 0.4713, 0.2104,
0.7896

■ 85.8714, 0.3947,
0.4519

■ 85.8714, 0.3947,
0.4519

■ 84.4740, 0.4070,
0.4691

■ 87.4419, 0.3806,
0.4316

■ 83.2247, 0.4169,
0.4823

■ 89.1853, 0.3653,
0.4090

■ 82.1125, 0.4241,
0.4911


■ 91.1159, 0.3495,
0.3853


■ 81.1187, 0.4286,
0.4954


■ 93.2435, 0.3337,
0.3613

 80.5444, 0.4304,
0.4965

 95.5770, 0.3183,
0.3377

 97.3515, 0.3104,
0.3261

 98.2970, 0.3103,
0.3275

 99.2499, 0.3103,
0.3290

 99.2594, 0.3103,
0.3290

Harmonies

Analogous

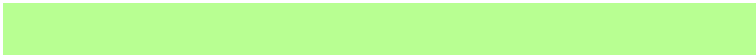
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.8714, 0.4418, 0.4128



85.8714, 0.3947, 0.4519



85.8714, 0.3287, 0.4566

Triad

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



85.8714, 0.3947, 0.4519



85.8714, 0.1897, 0.2717



85.8714, 0.3558, 0.2627

Complementary

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



85.8714, 0.3947, 0.4519



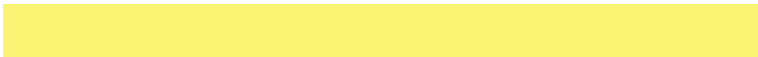
25.1193, 0.2103, 0.1659

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.



85.8714, 0.2836, 0.2314



85.8714, 0.3947, 0.4519



85.8714, 0.1950, 0.2321

Square

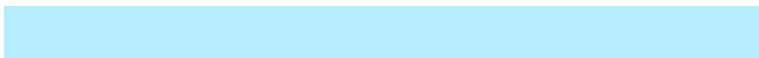
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.8714, 0.3947, 0.4519



85.8714, 0.2123, 0.3378



85.8714, 0.2269, 0.2199



85.8714, 0.4213, 0.3082

Rectangle

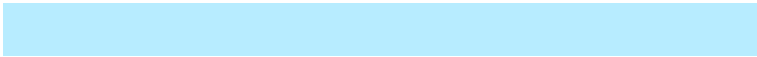
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.8714, 0.3947, 0.4519



85.8714, 0.2831, 0.4319



85.8714, 0.2269, 0.2199



85.8714, 0.3311, 0.2503

Sweetspot

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



85.8754, 0.3947, 0.4519



96.1003, 0.3372, 0.3666



34.4958, 0.4620, 0.3203



20.4706, 0.3404, 0.3716



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.



85.8754, 0.3947, 0.4519



87.3508, 0.4084, 0.4710



81.5668, 0.3497, 0.4791



20.0026, 0.3270, 0.3511



42.3946, 0.4302, 0.4966



3.9789, 0.4287, 0.4978

Inverse Universe

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



25.1193, 0.2103, 0.1659



18.3084, 0.1882, 0.1292



28.5238, 0.2509, 0.1735



16.8093, 0.2979, 0.3059



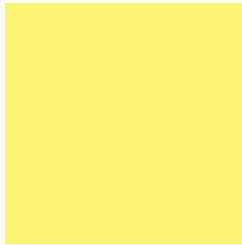
3.9067, 0.1510, 0.0636



0.4184, 0.1534, 0.0724

Previews

White Background



This preview shows how the Yxy color 85.8714, 0.3947, 0.4519 looks on a white background.

Color Contrast Check

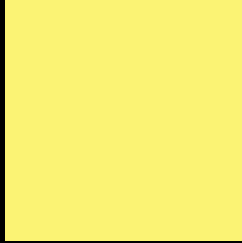
Large Text (above 18pt) WCAG AA × Fail

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 85.8714, 0.3947, 0.4519 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

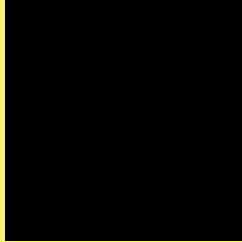
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.8714, 0.3947, 0.4519

Background



This preview shows how black text looks on a background with the Yxy color 85.8714, 0.3947, 0.4519.

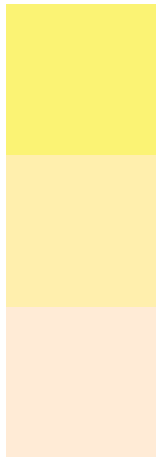


This preview shows how white text looks on a background with the Yxy color 85.8714, 0.3947, 0.4519.

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

85.8714, 0.3947, 0.4519

Protanopia

86.0101, 0.3660, 0.3953

Deuteranopia

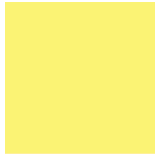
85.5317, 0.3400, 0.3500



Tritanopia

85.5049, 0.3207, 0.3173

Trichromacy



Original Color

85.8714, 0.3947, 0.4519



Protanomaly

85.6580, 0.3781, 0.4168



Deuteranomaly

85.4343, 0.3624, 0.3895



Tritanomaly

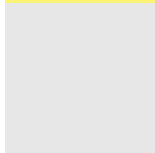
85.0930, 0.3504, 0.3683

Monochromacy



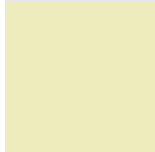
Original Color

85.8714, 0.3947, 0.4519



Achromatopsia

79.9103, 0.3127, 0.3290



Achromatomaly

81.2679, 0.3443, 0.3774

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.8714, 0.3947, 0.4519 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, 243, 116)` looks like.

```
.text, #text, p{  
    color:rgb(251, 243, 116)  
}
```

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, 243, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 243, 116) }
```

Border

The CSS property to change the border of an element to Yxy 85.8714, 0.3947, 0.4519 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, 243, 116) }
```

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

```
.border{ border-color:rgb(251, 243, 116) }
```

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

Here you see how a box with a 4 pixel rgb(251, 243, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 243, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 243, 116);  
box-shadow:4px 4px 4px 4px rgb(251, 243,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 85.8714, 0.3947, 0.4519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 243, 116) }
```

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

```
.background{ background-color: rgb(251,  
243, 116) }
```

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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