

Converting Colors

$Yxy(89.6787, 0.4054, 0.4802)$

Have a look what the booklet for
Yxy(89.6787, 0.4054, 0.4802)
contains.

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Color

Yxy(89.4896, 0.4053, 0.4805)

Conversions

Conversions Part 1

Format	Color
Hex	FBFA52
RGB	251, 250, 82
RGB Percent	98%, 98%, 32%
CMY	0.0158, 0.0195, 0.6786
CMYK	0.00, 0.00, 0.67, 0.02
HSL	60°, 95%, 65%
HSV	60°, 67%, 98%
XYZ	75.4842, 89.4896, 21.2689
YIQ	231.1470, 54.5240, -52.0360

Conversions

Conversions Part 2

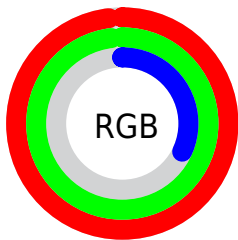
Format	Color
RYB	83, 251, 82
Decimal	16513618
CIELab	95.78, -18.80, 76.69
CIELCh	96, 78.958, 103.775
Yxy	89.4896, 0.4053, 0.4805
Android (android.graphics.Color)	4294703698 (0xFFFBFA52)
YUV	231.1470, -73.5295, 17.4111
Hunter-Lab	94.5989, -23.1161, 52.8889

Details

The Yxy color **89.4896, 0.4053, 0.4805** 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 **14.9301, 0.1819, 0.1133**, and the grayscale version is **80.5514, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.6734, 0.3798, 0.4400**, and **49.6599, 0.4166, 0.5074** is the 20% darker color. If you saturate the color by 10%, you get **89.0908, 0.4128, 0.4926**, and if you desaturate by 10%, it is **90.0364, 0.3953, 0.4642**.

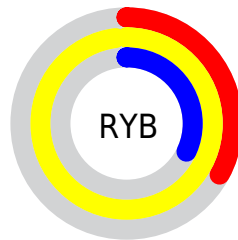
Distribution



Red (98%)

Green (98%)

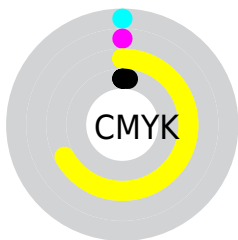
Blue (32%)



Red (33%)

Yellow (98%)

Blue (32%)

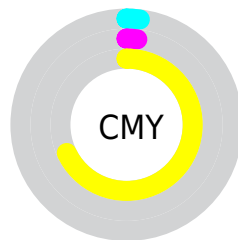


Cyan (0%)

Magenta (0%)

Yellow (67%)

Black (2%)



Cyan (2%)


Magenta (2%)


Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 89.4896, 0.4053, 0.4805 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 89.4896, 0.4053, 0.4805 by changing the saturation by 10% instead.


 89.4896, 0.4053,
0.4805

 89.4896, 0.4053,
0.4805


526.3691, 0.3700,
0.4156


 67.5574, 0.4110,
0.4932


 146.6292, 0.3949,
0.4596

 49.5377, 0.4168,
0.5075


 182.6054, 0.3903,
0.4510

 35.0462, 0.4222,
0.5236


 224.0318, 0.3861,
0.4433

 23.6985, 0.4263,
0.5413

 271.2926, 0.3823,
0.4365

 15.1101, 0.4303,
0.5639

324.7724, 0.3788,
0.4305

 8.8967, 0.4220,
0.5780

384.8555, 0.3756,

 4.6739, 0.4058,

0.4250

0.5942

451.9263, 0.3727,
0.4201

■ 2.0572, 0.3790,
0.6210

■ 0.6404, 0.1895,
0.8105

■ 89.4896, 0.4053,
0.4805

■ 89.4896, 0.4053,
0.4805

■ 89.0908, 0.4128,
0.4926

■ 90.0364, 0.3953,
0.4642

■ 88.8113, 0.4176,
0.5003

■ 90.7325, 0.3830,
0.4442

■ 88.6346, 0.4199,
0.5039


■ 91.5939, 0.3692,
0.4216


■ 88.5965, 0.4203,
0.5045


■ 92.6316, 0.3543,
0.3972

 93.8554, 0.3389,
0.3720

 95.2745, 0.3236,
0.3469

 96.7261, 0.3104,
0.3252

 96.8151, 0.3104,
0.3253

 96.9041, 0.3104,
0.3254

Harmonies

Analogous

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



89.4896, 0.4665, 0.4292



89.4896, 0.4053, 0.4805



89.4896, 0.3243, 0.4896

Triad

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



89.4896, 0.4053, 0.4805



89.4896, 0.1648, 0.2530



89.4896, 0.3702, 0.2512

Complementary

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



89.4896, 0.4053, 0.4805



14.9301, 0.1819, 0.1133

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.



89.4896, 0.2802, 0.2136



89.4896, 0.4053, 0.4805



89.4896, 0.1731, 0.2096

Square

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



89.4896, 0.4053, 0.4805



89.4896, 0.1881, 0.3328



89.4896, 0.2115, 0.1984



89.4896, 0.4512, 0.3048

Rectangle

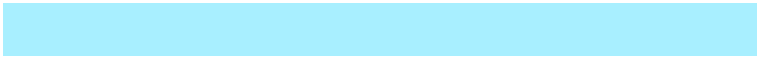
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89.4896, 0.4053, 0.4805



89.4896, 0.2696, 0.4570



89.4896, 0.2115, 0.1984



89.4896, 0.3392, 0.2365

Sweetspot

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



89.4938, 0.4053, 0.4805



96.9552, 0.3430, 0.3788



27.1858, 0.5348, 0.3273



20.6749, 0.3474, 0.3859



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.



89.4938, 0.4053, 0.4805



92.2519, 0.4149, 0.4960



78.0533, 0.3478, 0.5177



20.1729, 0.3269, 0.3523



46.5889, 0.4203, 0.5045



4.3203, 0.4202, 0.5046

Inverse Universe

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



14.9301, 0.1819, 0.1133



10.1083, 0.1620, 0.0802



20.8479, 0.2379, 0.1391



16.6588, 0.2979, 0.3046



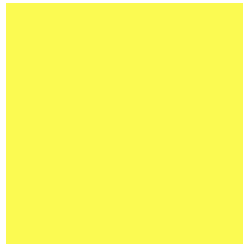
3.6843, 0.1501, 0.0603



0.3466, 0.1503, 0.0612

Previews

White Background



This preview shows how the Yxy color 89.4896, 0.4053, 0.4805 looks on a white background.

Color Contrast Check

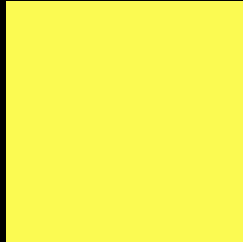
Large Text (above 18pt) WCAG AA × Fail

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 89.4896, 0.4053, 0.4805 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 89.4896, 0.4053, 0.4805

Background



This preview shows how black text looks on a background with the Yxy color 89.4896, 0.4053, 0.4805.



This preview shows how white text looks on a background with the Yxy color 89.4896, 0.4053, 0.4805.

Color Blindness Simulation

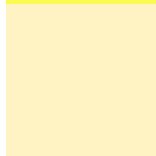
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



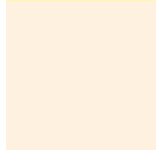
Original Color

89.4896, 0.4053, 0.4805



Protanopia

89.3467, 0.3503, 0.3759



Deuteranopia

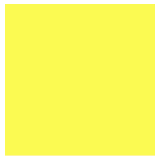
89.5524, 0.3327, 0.3458



Tritanopia

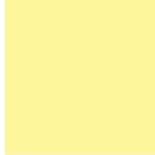
89.1245, 0.3184, 0.3203

Trichromacy



Original Color

89.4896, 0.4053, 0.4805



Protanomaly

89.3489, 0.3741, 0.4192



Deuteranomaly

88.7508, 0.3645, 0.4010



Tritanomaly

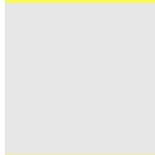
88.1629, 0.3556, 0.3842

Monochromacy



Original Color

89.4896, 0.4053, 0.4805



Achromatopsia

79.9103, 0.3127, 0.3290



Achromatomaly

82.5005, 0.3515, 0.3930

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.4896, 0.4053, 0.4805 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, 250, 82)` looks like.

```
.text, #text, p{  
    color:rgb(251, 250, 82)  
}
```

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, 250, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 250, 82) }
```

Border

The CSS property to change the border of an element to Yxy 89.4896, 0.4053, 0.4805 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, 250, 82) }
```

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

```
.border{ border-color:rgb(251, 250, 82) }
```

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

Here you see how a box with a 4 pixel rgb(251, 250, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 250, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 250, 82);  
box-shadow:4px 4px 4px 4px rgb(251, 250,  
82) }
```


Background

The CSS property to change the background color of an element to Yxy 89.4896, 0.4053, 0.4805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 250, 82) }
```

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

```
.background{ background-color: rgb(251,  
250, 82) }
```

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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