

Converting Colors

Yxy(89.7041, 0.4186, 0.5048)

Have a look what the booklet for
Yxy(89.7041, 0.4186, 0.5048)
contains.

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Color

Yxy(89.5211, 0.4189, 0.5045)

Conversions

Conversions Part 1

Format	Color
Hex	FBFB08
RGB	251, 251, 8
RGB Percent	98%, 98%, 3%
CMY	0.0156, 0.0157, 0.9683
CMYK	0.00, 0.00, 0.97, 0.02
HSL	60°, 97%, 51%
HSV	60°, 97%, 98%
XYZ	74.3318, 89.5211, 13.5923
YIQ	223.2980, 78.0030, -75.5730

Conversions

Conversions Part 2

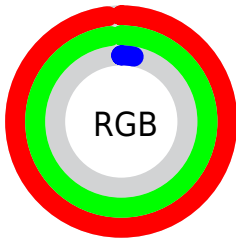
Format	Color
R _Y B	8, 251, 8
Decimal	16513800
CIE Lab	95.80, -21.23, 92.80
CIE LCh	96, 95.195, 102.883
Yxy	89.5211, 0.4189, 0.5045
Android (android.graphics.Color)	4294703880 (0xFFFFBFB08)
YUV	223.2980, -106.1419, 24.2947
Hunter-Lab	94.6156, -25.3443, 57.7134

Details

The Yxy color **89.5211, 0.4189, 0.5045** 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 **7.1945, 0.1511, 0.0617**, and the grayscale version is **74.7548, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6431, 0.3998, 0.4729**, and **49.9774, 0.4149, 0.5088** is the 20% darker color. If you saturate the color by 10%, you get **89.5071, 0.4193, 0.5052**, and if you desaturate by 10%, it is **89.6201, 0.4166, 0.5006**.

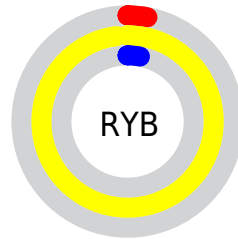
Distribution



Red (98%)

Green (98%)

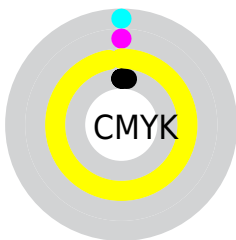
Blue (3%)



Red (3%)

Yellow (98%)

Blue (3%)

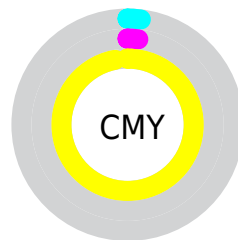


Cyan (0%)

Magenta (0%)

Yellow (97%)

Black (2%)



Cyan (2%)


Magenta (2%)


Yellow (97%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.5211, 0.4189, 0.5045 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 89.5211, 0.4189, 0.5045 by changing the saturation by 10% instead.


 89.5211, 0.4189,
0.5045


 89.5211, 0.4189,
0.5045


526.4718, 0.3818,
0.4325


 67.5835, 0.4237,
0.5173


 146.6730, 0.4089,
0.4823


 49.5590, 0.4279,
0.5312


 182.6561, 0.4042,
0.4728


 35.0631, 0.4305,
0.5457


 224.0898, 0.3998,
0.4643

 23.7115, 0.4319,
0.5624

 271.3586, 0.3956,
0.4566

 15.1197, 0.4256,
0.5744

 324.8468, 0.3917,
0.4497

 8.9035, 0.4133,
0.5867

 384.9388, 0.3881,

 4.6783, 0.3949,

0.4434

0.6051

452.0190, 0.3848,
0.4377

■ 2.0598, 0.3646,
0.6354

■ 0.6418, 0.1253,
0.8747

■ 89.5211, 0.4189,
0.5045

■ 89.5211, 0.4189,
0.5045


■ 89.5071, 0.4193,
0.5052


■ 89.6201, 0.4166,
0.5006


■ 89.8193, 0.4117,
0.4927


■ 90.1431, 0.4043,
0.4803


■ 90.6074, 0.3942,
0.4637

 91.2258, 0.3820,
0.4436

 92.0102, 0.3682,
0.4207

 92.9714, 0.3533,
0.3961

 94.1193, 0.3380,
0.3708

 95.4631, 0.3228,
0.3457

Harmonies

Analogous

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



89.5211, 0.4925, 0.4374



89.5211, 0.4189, 0.5045



89.5211, 0.3245, 0.5265

Triad

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



89.5211, 0.4189, 0.5045



89.5211, 0.1419, 0.2386



89.5211, 0.3773, 0.2362

Complementary

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



89.5211, 0.4189, 0.5045



7.1945, 0.1511, 0.0617

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.



89.5211, 0.2701, 0.1946



89.5211, 0.4189, 0.5045



89.5211, 0.1508, 0.1899

Square

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



89.5211, 0.4189, 0.5045



89.5211, 0.1673, 0.3345



89.5211, 0.1924, 0.1779



89.5211, 0.4770, 0.2959

Rectangle

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



89.5211, 0.4189, 0.5045



89.5211, 0.2610, 0.4905



89.5211, 0.1924, 0.1779



89.5211, 0.3398, 0.2199

Sweetspot

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



89.5253, 0.4189, 0.5045



96.1131, 0.3567, 0.4017



20.7160, 0.6350, 0.3293



20.4801, 0.3631, 0.4123



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.



89.5253, 0.4189, 0.5045



92.7624, 0.4193, 0.5052



74.0632, 0.3394, 0.5672



20.1905, 0.3269, 0.3524



47.0380, 0.4193, 0.5052



4.3566, 0.4193, 0.5052

Inverse Universe

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



7.1945, 0.1511, 0.0617



7.2206, 0.1500, 0.0600



11.5396, 0.2007, 0.0890



16.6434, 0.2979, 0.3045



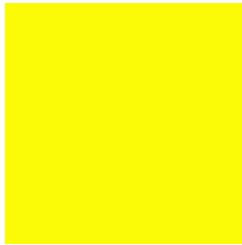
3.6615, 0.1500, 0.0600



0.3392, 0.1500, 0.0600

Previews

White Background



This preview shows how the Yxy color 89.5211, 0.4189, 0.5045 looks on a white background.

Color Contrast Check

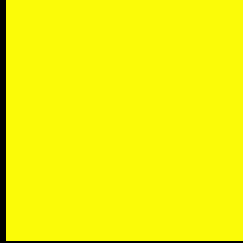
Large Text (above 18pt) WCAG AA × Fail

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 89.5211, 0.4189, 0.5045 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 89.5211, 0.4189, 0.5045

Background



This preview shows how black text looks on a background with the Yxy color 89.5211, 0.4189, 0.5045.



This preview shows how white text looks on a background with the Yxy color 89.5211, 0.4189, 0.5045.

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



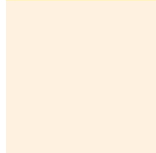
Original Color

89.5211, 0.4189, 0.5045



Protanopia

89.3467, 0.3503, 0.3759



Deuteranopia

89.4983, 0.3333, 0.3468



Tritanopia

89.1245, 0.3184, 0.3203

Trichromacy



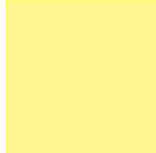
Original Color

89.5211, 0.4189, 0.5045



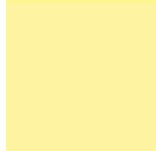
Protanomaly

88.5409, 0.3892, 0.4434



Deuteranomaly

88.4200, 0.3803, 0.4276



Tritanomaly

87.7101, 0.3722, 0.4118

Monochromacy



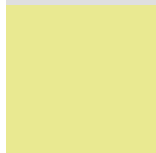
Original Color

89.5211, 0.4189, 0.5045



Achromatopsia

73.7910, 0.3127, 0.3290



Achromatomaly

77.6458, 0.3694, 0.4227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.5211, 0.4189, 0.5045 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, 251, 8)` looks like.

```
.text, #text, p{  
    color:rgb(251, 251, 8)  
}
```

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, 251, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 251, 8) }
```

Border

The CSS property to change the border of an element to Yxy 89.5211, 0.4189, 0.5045 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, 251, 8) }
```

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

```
.border{ border-color:rgb(251, 251, 8) }
```

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

Here you see how a box with a 4 pixel rgb(251, 251, 8) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 251, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 251, 8);  
box-shadow:4px 4px 4px 4px rgb(251, 251,  
8) }
```


Background

The CSS property to change the background color of an element to Yxy 89.5211, 0.4189, 0.5045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 251, 8) }
```

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

```
.background{ background-color: rgb(251,  
251, 8) }
```

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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