

Converting Colors

Yxy(89.9870, 0.4149, 0.5051)

Have a look what the booklet for
Yxy(89.9870, 0.4149, 0.5051)
contains.

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Color

Yxy(89.6352, 0.4151, 0.5050)

Conversions

Conversions Part 1

Format	Color
Hex	F8FC16
RGB	248, 252, 22
RGB Percent	97%, 99%, 9%
CMY	0.0273, 0.0118, 0.9133
CMYK	0.02, 0.00, 0.91, 0.01
HSL	61°, 97%, 54%
HSV	61°, 91%, 99%
XYZ	73.6784, 89.6352, 14.1819
YIQ	224.5840, 71.4460, -72.3780

Conversions

Conversions Part 2

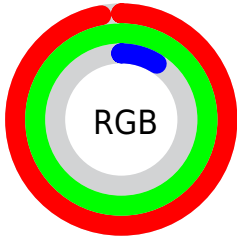
Format	Color
R _Y B	22, 252, 26
Decimal	16317462
CIE Lab	95.85, -22.78, 91.46
CIE LCh	96, 94.251, 103.989
Yxy	89.6352, 0.4151, 0.5050
Android (android.graphics.Color)	4294507542 (0xFFF8FC16)
YUV	224.5840, -99.8739, 20.5358
Hunter-Lab	94.6759, -26.7711, 57.3918

Details

The Yxy color **89.6352, 0.4151, 0.5050** is a light color, and the websafe version is hex **FFFF00**. The color can be described as light washed yellow. A complement of this color would be **7.8267, 0.1540, 0.0659**, and the grayscale version is **75.6891, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7196, 0.3982, 0.4703**, and **50.0447, 0.4113, 0.5116** is the 20% darker color. If you saturate the color by 10%, you get **89.5115, 0.4163, 0.5077**, and if you desaturate by 10%, it is **89.8681, 0.4117, 0.4986**.

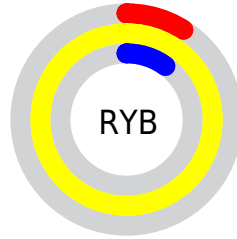
Distribution



Red (97%)

Green (99%)

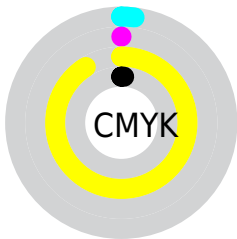
Blue (9%)



Red (9%)

Yellow (99%)

Blue (10%)

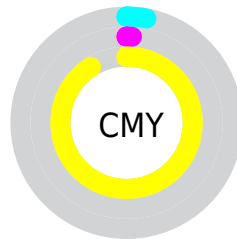


Cyan (2%)

Magenta (0%)

Yellow (91%)

Black (1%)



Cyan (3%)


Magenta (1%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.6352, 0.4151, 0.5050 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 89.6352, 0.4151, 0.5050 by changing the saturation by 10% instead.


 89.6352, 0.4151,
0.5050


 89.6352, 0.4151,
0.5050


526.8435, 0.3793,
0.4322

 67.6781, 0.4197,
0.5182


 146.8316, 0.4055,
0.4824

 49.6359, 0.4237,
0.5326

 182.8396, 0.4010,
0.4728


 35.1242, 0.4262,
0.5478


 224.3002, 0.3967,
0.4641

 23.7586, 0.4270,
0.5650

 271.5976, 0.3926,
0.4564

 15.1546, 0.4210,
0.5790

 325.1162, 0.3889,
0.4494

 8.9280, 0.4077,
0.5923


385.2404, 0.3855,

 4.6942, 0.3880,


0.4431


0.6120


452.3547, 0.3823,
0.4374


 2.0690, 0.3554,
0.6446


 0.6471, 0.0834,
0.9166


 89.6352, 0.4151,
0.5050


 89.6352, 0.4151,
0.5050


 89.5115, 0.4163,
0.5077


 89.8681, 0.4117,
0.4986


 90.2145, 0.4057,
0.4879


 90.6960, 0.3971,
0.4727


 91.3273, 0.3861,
0.4537

 92.1212, 0.3732,
0.4316

 93.0889, 0.3591,
0.4075

 94.2410, 0.3442,
0.3822

 95.5869, 0.3292,
0.3568

 97.1355, 0.3145,
0.3320

Harmonies

Analogous

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



89.6352, 0.4891, 0.4396



89.6352, 0.4151, 0.5050



89.6352, 0.3212, 0.5235

Triad

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



89.6352, 0.4151, 0.5050



89.6352, 0.1429, 0.2370



89.6352, 0.3808, 0.2390

Complementary

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



89.6352, 0.4151, 0.5050



7.8267, 0.1540, 0.0659

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.



89.6352, 0.2741, 0.1968



89.6352, 0.4151, 0.5050



89.6352, 0.1530, 0.1900

Square

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



89.6352, 0.4151, 0.5050



89.6352, 0.1670, 0.3303



89.6352, 0.1956, 0.1792



89.6352, 0.4782, 0.2988

Rectangle

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



89.6352, 0.4151, 0.5050



89.6352, 0.2584, 0.4853



89.6352, 0.1956, 0.1792



89.6352, 0.3437, 0.2225

Sweetspot

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



89.6394, 0.4151, 0.5050



96.1077, 0.3529, 0.3969



21.4892, 0.6263, 0.3310



20.4880, 0.3579, 0.4055



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.



89.6394, 0.4151, 0.5050



91.9578, 0.4163, 0.5077



74.6802, 0.3379, 0.5650



20.1747, 0.3266, 0.3524



46.6372, 0.4163, 0.5076



4.3241, 0.4167, 0.5073

Inverse Universe

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



7.8267, 0.1540, 0.0659



7.2483, 0.1504, 0.0602



13.2590, 0.2132, 0.0981



16.6573, 0.2981, 0.3045



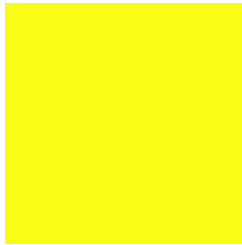
3.6820, 0.1505, 0.0603



0.3459, 0.1518, 0.0610

Previews

White Background



This preview shows how the Yxy color 89.6352, 0.4151, 0.5050 looks on a white background.

Color Contrast Check

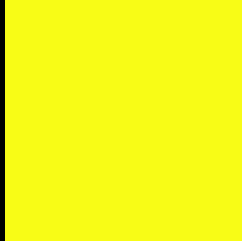
Large Text (above 18pt) WCAG AA × Fail

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 89.6352, 0.4151, 0.5050 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 89.6352, 0.4151, 0.5050

Background



This preview shows how black text looks on a background with the Yxy color 89.6352, 0.4151, 0.5050.

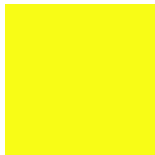


This preview shows how white text looks on a background with the Yxy color 89.6352, 0.4151, 0.5050.

Color Blindness Simulation

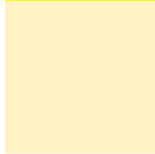
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



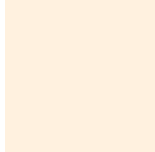
Original Color

89.6352, 0.4151, 0.5050



Protanopia

89.3467, 0.3503, 0.3759



Deuteranopia

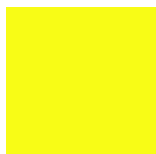
89.4983, 0.3333, 0.3468



Tritanopia

89.1864, 0.3178, 0.3193

Trichromacy



Original Color

89.6352, 0.4151, 0.5050



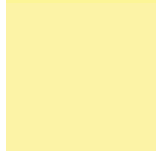
Protanomaly

88.3004, 0.3851, 0.4398



Deuteranomaly

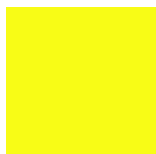
88.2023, 0.3760, 0.4235



Tritanomaly

87.5498, 0.3671, 0.4064

Monochromacy



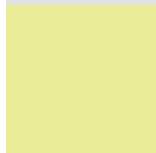
Original Color

89.6352, 0.4151, 0.5050



Achromatopsia

75.2942, 0.3127, 0.3290



Achromatomaly

78.9747, 0.3650, 0.4184

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.6352, 0.4151, 0.5050 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(248, 252, 22)` looks like.

```
.text, #text, p{  
    color:rgb(248, 252, 22)  
}
```

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(248, 252, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 252, 22) }
```

Border

The CSS property to change the border of an element to Yxy 89.6352, 0.4151, 0.5050 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(248, 252, 22) }
```

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

```
.border{ border-color:rgb(248, 252, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 252, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 252, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 252, 22);  
box-shadow:4px 4px 4px 4px rgb(248, 252,  
22) }
```


Background

The CSS property to change the background color of an element to Yxy 89.6352, 0.4151, 0.5050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 252, 22) }
```

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

```
.background{ background-color: rgb(248,  
252, 22) }
```

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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