

Converting Colors

Yxy(74.7368, 0.4356, 0.4924)

Have a look what the booklet for
Yxy(74.7368, 0.4356, 0.4924)
contains.

Yxy(74.8946, 0.4353, 0.4926)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(74.8946, 0.4353, 0.4926)

Conversions

Conversions Part 1

Format	Color
Hex	F8E300
RGB	248, 227, 0
RGB Percent	97%, 89%, 0%
CMY	0.0274, 0.1098, 1.0000
CMYK	0.00, 0.08, 1.00, 0.03
HSL	55°, 100%, 49%
HSV	55°, 100%, 97%
XYZ	66.1827, 74.8946, 10.9620
YIQ	207.4010, 85.3830, -66.1450

Conversions

Conversions Part 2

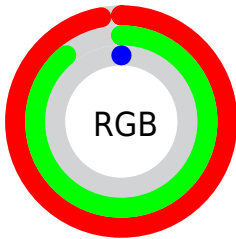
Format	Color
R_{YB}	23, 248, 0
Decimal	16311040
CIE Lab	89.34, -10.90, 88.59
CIE LCh	89, 89.254, 97.012
Yxy	74.8946, 0.4353, 0.4926
Android (android.graphics.Color)	4294501120 (0xFFFF8E300)
YUV	207.4010, -102.2487, 35.6053
Hunter-Lab	86.5417, -14.9400, 53.0690

Details

The Yxy color **74.8946, 0.4353, 0.4926** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light saturated yellow. A complement of this color would be **7.3146, 0.1512, 0.0642**, and the grayscale version is **63.3046, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.5353, 0.4020, 0.4767**, and **40.0698, 0.4341, 0.4935** is the 20% darker color. If you saturate the color by 10%, you get **74.8986, 0.4353, 0.4926**, and if you desaturate by 10%, it is **76.1241, 0.4315, 0.4907**.

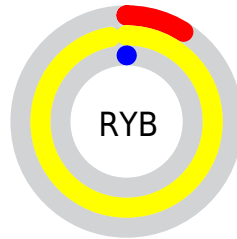
Distribution



Red (97%)

Green (89%)

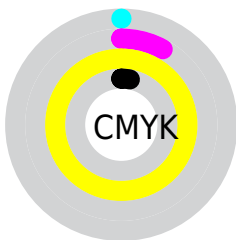
Blue (0%)



Red (9%)

Yellow (97%)

Blue (0%)

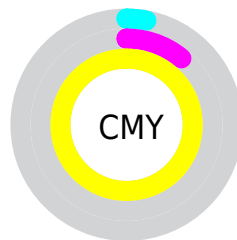


Cyan (0%)

Magenta (8%)

Yellow (100%)

Black (3%)



Cyan (3%)


Magenta (11%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.8946, 0.4353, 0.4926 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 74.8946, 0.4353, 0.4926 by changing the saturation by 10% instead.


 74.8946, 0.4353,
0.4926

 74.8946, 0.4353,
0.4926


477.5552, 0.3890,
0.4256

 55.5265, 0.4421,
0.5041


 126.1632, 0.4222,
0.4722


 39.8235, 0.4483,
0.5162

 158.8324, 0.4162,
0.4634


 27.4009, 0.4532,
0.5283


 196.7043, 0.4106,
0.4554

 17.8746, 0.4578,
0.5422

 240.1630, 0.4055,
0.4482

 10.8600, 0.4524,
0.5476

 289.5931, 0.4008,
0.4417

 5.9727, 0.4445,
0.5555

 345.3789, 0.3965,

 2.8285, 0.4321,

0.4358

0.5679

407.9048, 0.3926,
0.4304

■ 1.0429, 0.4075,
0.5925

■ 0.0000, 0.0000,
0.0000

■ 74.8946, 0.4353,
0.4926

■ 74.8946, 0.4353,
0.4926

■ 74.8986, 0.4353,
0.4926


■ 76.1241, 0.4315,
0.4907


■ 77.4520, 0.4252,
0.4850

■ 78.9095, 0.4162,
0.4747

■ 80.5130, 0.4046,
0.4601

 82.2764, 0.3909,
0.4419

 84.2119, 0.3758,
0.4210

 86.3303, 0.3598,
0.3984

 88.6414, 0.3437,
0.3750

 91.1546, 0.3279,
0.3516

Harmonies

Analogous

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



74.8946, 0.5016, 0.4228



74.8946, 0.4353, 0.4926



74.8946, 0.3436, 0.5275

Triad

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



74.8946, 0.4353, 0.4926



74.8946, 0.1446, 0.2539



74.8946, 0.3550, 0.2268

Complementary

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



74.8946, 0.4353, 0.4926



7.3146, 0.1512, 0.0642

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.



74.8946, 0.2523, 0.1898



74.8946, 0.4353, 0.4926



74.8946, 0.1471, 0.1967

Square

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



74.8946, 0.4353, 0.4926



74.8946, 0.1775, 0.3581



74.8946, 0.1820, 0.1784



74.8946, 0.4600, 0.2835

Rectangle

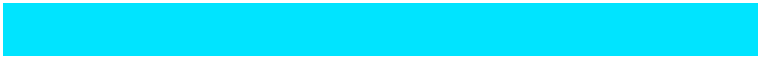
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.8946, 0.4353, 0.4926



74.8946, 0.2794, 0.5047



74.8946, 0.1820, 0.1784



74.8946, 0.3183, 0.2119

Sweetspot

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



74.8986, 0.4353, 0.4926



91.9495, 0.3599, 0.3985



20.0278, 0.6309, 0.3249



19.4719, 0.3667, 0.4082



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.



74.8986, 0.4353, 0.4926



79.7648, 0.4353, 0.4926



73.5130, 0.3500, 0.5603



19.9244, 0.3271, 0.3505



40.5589, 0.4350, 0.4928



3.8284, 0.4329, 0.4945

Inverse Universe

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



7.3146, 0.1512, 0.0642



7.7786, 0.1512, 0.0642



9.4422, 0.1827, 0.0780



16.8792, 0.2979, 0.3066



4.0312, 0.1515, 0.0654



0.4516, 0.1548, 0.0774

Previews

White Background



This preview shows how the Yxy color 74.8946, 0.4353, 0.4926 looks on a white background.

Color Contrast Check

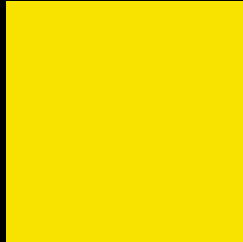
Large Text (above 18pt) WCAG AA × Fail

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 74.8946, 0.4353, 0.4926 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 74.8946, 0.4353, 0.4926

Background



This preview shows how black text looks on a background with the Yxy color 74.8946, 0.4353, 0.4926.

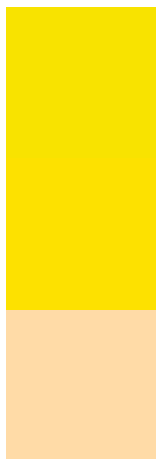


This preview shows how white text looks on a background with the Yxy color 74.8946, 0.4353, 0.4926.

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

74.8946, 0.4353, 0.4926

Protanopia

74.7331, 0.4406, 0.4883

Deuteranopia

74.7131, 0.3765, 0.3824



Tritanopia

74.8992, 0.3340, 0.3160

Trichromacy



Original Color

74.8946, 0.4353, 0.4926

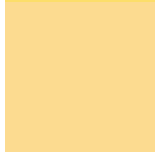
Protanomaly

74.9019, 0.4383, 0.4902



Deuteranomaly

73.9786, 0.4121, 0.4426



Tritanomaly

73.3721, 0.3902, 0.4060

Monochromacy



Original Color

74.8946, 0.4353, 0.4926



Achromatopsia

62.3960, 0.3127, 0.3290



Achromatomaly

65.2887, 0.3764, 0.4213

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.8946, 0.4353, 0.4926 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, 227, 0)` looks like.

```
.text, #text, p{  
    color:rgb(248, 227, 0)  
}
```

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, 227, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 227, 0) }
```

Border

The CSS property to change the border of an element to Yxy 74.8946, 0.4353, 0.4926 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, 227, 0) }
```

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

```
.border{ border-color:rgb(248, 227, 0) }
```

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

Here you see how a box with a 4 pixel rgb(248, 227, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 227, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 227, 0);  
box-shadow:4px 4px 4px 4px rgb(248, 227,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 74.8946, 0.4353, 0.4926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 227, 0) }
```

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

```
.background{ background-color: rgb(248,  
227, 0) }
```

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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