

Converting Colors

Yxy(81.2145, 0.4279, 0.4973)

Have a look what the booklet for
Yxy(81.2145, 0.4279, 0.4973)
contains.

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Color

Yxy(81.4906, 0.4276, 0.4975)

Conversions

Conversions Part 1

Format	Color
Hex	FAEE08
RGB	250, 238, 8
RGB Percent	98%, 93%, 3%
CMY	0.0196, 0.0666, 0.9683
CMYK	0.00, 0.05, 0.97, 0.02
HSL	57°, 96%, 51%
HSV	57°, 97%, 98%
XYZ	70.0410, 81.4906, 12.2686
YIQ	215.3680, 80.9820, -68.9860

Conversions

Conversions Part 2

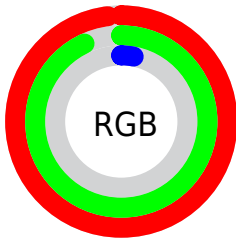
Format	Color
R _Y B	21, 250, 8
Decimal	16444936
CIE Lab	92.35, -15.40, 90.21
CIE LCh	92, 91.515, 99.689
Yxy	81.4906, 0.4276, 0.4975
Android (android.graphics.Color)	4294635016 (0xFFFAEE08)
YUV	215.3680, -102.2324, 30.3723
Hunter-Lab	90.2721, -19.4805, 55.1326

Details

The Yxy color **81.4906, 0.4276, 0.4975** 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 **7.4562, 0.1518, 0.0643**, and the grayscale version is **68.8917, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6062, 0.4005, 0.4742**, and **44.2747, 0.4259, 0.5000** is the 20% darker color. If you saturate the color by 10%, you get **81.2440, 0.4284, 0.4980**, and if you desaturate by 10%, it is **82.3106, 0.4241, 0.4942**.

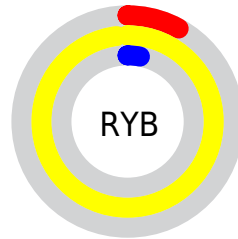
Distribution



Red (98%)

Green (93%)

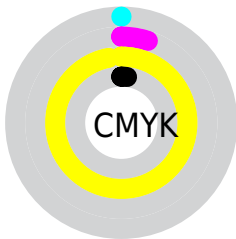
Blue (3%)



Red (8%)

Yellow (98%)

Blue (3%)

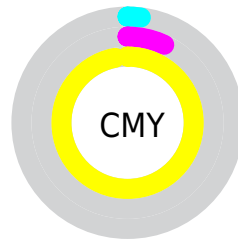


Cyan (0%)

Magenta (5%)

Yellow (97%)

Black (2%)



Cyan (2%)

Magenta (7%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 81.4906, 0.4276, 0.4975 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 81.4906, 0.4276, 0.4975 by changing the saturation by 10% instead.


 81.4906, 0.4276,
0.4975

 81.4906, 0.4276,
0.4975


499.9422, 0.3855,
0.4284


 60.9457, 0.4335,
0.5096


 135.4594, 0.4159,
0.4763


 44.1814, 0.4388,
0.5226

 169.6522, 0.4105,
0.4672


 30.8131, 0.4428,
0.5359


 209.1630, 0.4055,
0.4590

 20.4566, 0.4472,
0.5527

 254.3763, 0.4008,
0.4516

 12.7274, 0.4402,
0.5598

 305.6765, 0.3965,
0.4449

 7.2411, 0.4302,
0.5698


 363.4479, 0.3925,


 3.6133, 0.4148,

0.4389


428.0750, 0.3889,
0.4334


0.5852


 1.4597, 0.3882,
0.6118


 0.2601, 0.0000,
1.0000


 81.4906, 0.4276,
0.4975


 81.4906, 0.4276,
0.4975


 81.2440, 0.4284,
0.4980

 82.3106, 0.4241,
0.4942


 83.2352, 0.4180,
0.4867

 84.2881, 0.4091,
0.4746


 85.4853, 0.3978,
0.4585

 86.8400, 0.3844,
0.4389

 88.3642, 0.3696,
0.4167

 90.0685, 0.3541,
0.3930

 91.9628, 0.3383,
0.3688

 94.0560, 0.3228,
0.3448

Harmonies

Analogous

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



81.4906, 0.4970, 0.4292



81.4906, 0.4276, 0.4975



81.4906, 0.3350, 0.5264

Triad

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



81.4906, 0.4276, 0.4975



81.4906, 0.1439, 0.2472



81.4906, 0.3649, 0.2314

Complementary

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



81.4906, 0.4276, 0.4975



7.4562, 0.1518, 0.0643

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.



81.4906, 0.2605, 0.1924



81.4906, 0.4276, 0.4975



81.4906, 0.1493, 0.1940

Square

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



81.4906, 0.4276, 0.4975



81.4906, 0.1733, 0.3472



81.4906, 0.1871, 0.1786



81.4906, 0.4672, 0.2894

Rectangle

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



81.4906, 0.4276, 0.4975



81.4906, 0.2713, 0.4976



81.4906, 0.1871, 0.1786



81.4906, 0.3280, 0.2159

Sweetspot

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



81.4945, 0.4276, 0.4975



93.8033, 0.3576, 0.3985



20.5489, 0.6318, 0.3276



19.9138, 0.3643, 0.4086



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.



81.4945, 0.4276, 0.4975



84.9841, 0.4284, 0.4980



74.0580, 0.3442, 0.5635



20.0347, 0.3270, 0.3513



43.1624, 0.4282, 0.4982



4.0416, 0.4271, 0.4991

Inverse Universe

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



7.4562, 0.1518, 0.0643



7.4985, 0.1506, 0.0621



10.8546, 0.1946, 0.0856



16.7808, 0.2979, 0.3057



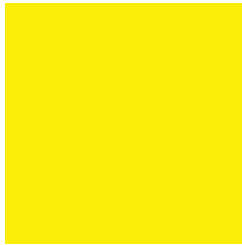
3.8640, 0.1508, 0.0630



0.4049, 0.1529, 0.0703

Previews

White Background



This preview shows how the Yxy color 81.4906, 0.4276, 0.4975 looks on a white background.

Color Contrast Check

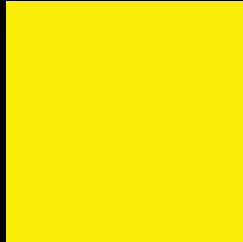
Large Text (above 18pt) WCAG AA × Fail

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 81.4906, 0.4276, 0.4975 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 81.4906, 0.4276, 0.4975

Background



This preview shows how black text looks on a background with the Yxy color 81.4906, 0.4276, 0.4975.



This preview shows how white text looks on a background with the Yxy color 81.4906, 0.4276, 0.4975.

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

81.4906, 0.4276, 0.4975

Protanopia

81.1495, 0.3949, 0.4307

Deuteranopia

81.2388, 0.3540, 0.3635



Tritanopia

81.2249, 0.3259, 0.3172

Trichromacy



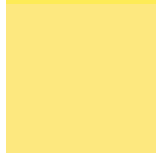
Original Color

81.4906, 0.4276, 0.4975



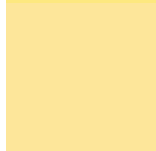
Protanomaly

80.9712, 0.4144, 0.4667



Deuteranomaly

80.1282, 0.3956, 0.4331



Tritanomaly

79.8094, 0.3799, 0.4062

Monochromacy



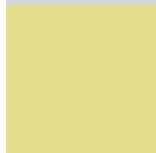
Original Color

81.4906, 0.4276, 0.4975



Achromatopsia

67.9542, 0.3127, 0.3290



Achromatomaly

71.1628, 0.3724, 0.4198

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.4906, 0.4276, 0.4975 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(250, 238, 8)` looks like.

```
.text, #text, p{  
    color:rgb(250, 238, 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(250, 238, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 238, 8) }
```

Border

The CSS property to change the border of an element to Yxy 81.4906, 0.4276, 0.4975 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(250, 238, 8) }
```

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

```
.border{ border-color:rgb(250, 238, 8) }
```

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

Here you see how a box with a 4 pixel rgb(250, 238, 8) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 238, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 238, 8);  
box-shadow:4px 4px 4px 4px rgb(250, 238,  
8) }
```


Background

The CSS property to change the background color of an element to Yxy 81.4906, 0.4276, 0.4975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 238, 8) }
```

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

```
.background{ background-color: rgb(250,  
238, 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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