

Converting Colors

$Yxy(80.9448, 0.4287, 0.4978)$

Have a look what the booklet for
Yxy(80.9448, 0.4287, 0.4978)
contains.

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Color

Yxy(80.8924, 0.4289, 0.4977)

Conversions

Conversions Part 1

Format	Color
Hex	FAED00
RGB	250, 237, 0
RGB Percent	98%, 93%, 0%
CMY	0.0196, 0.0706, 1.0000
CMYK	0.00, 0.05, 1.00, 0.02
HSL	57°, 100%, 49%
HSV	57°, 100%, 98%
XYZ	69.7102, 80.8924, 11.9299
YIQ	213.8690, 83.8250, -70.9510

Conversions

Conversions Part 2

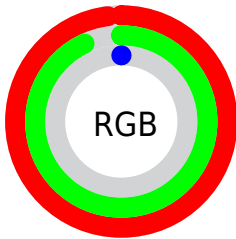
Format	Color
R _Y B	14, 250, 0
Decimal	16444672
CIE Lab	92.08, -14.97, 90.65
CIE LCh	92, 91.877, 99.377
Yxy	80.8924, 0.4289, 0.4977
Android (android.graphics.Color)	4294634752 (0xFFFAED00)
YUV	213.8690, -105.4374, 31.6869
Hunter-Lab	89.9402, -19.0449, 55.0938

Details

The Yxy color **80.8924, 0.4289, 0.4977** 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 **7.1908, 0.1506, 0.0623**, and the grayscale version is **67.8374, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.5703, 0.4013, 0.4755**, and **44.2747, 0.4259, 0.5000** is the 20% darker color. If you saturate the color by 10%, you get **80.8969, 0.4289, 0.4977**, and if you desaturate by 10%, it is **81.7230, 0.4259, 0.4953**.

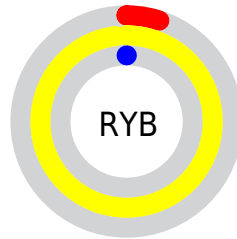
Distribution



Red (98%)

Green (93%)

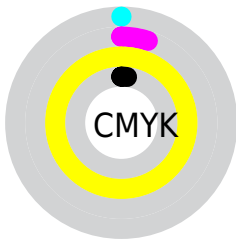
Blue (0%)



Red (5%)

Yellow (98%)

Blue (0%)

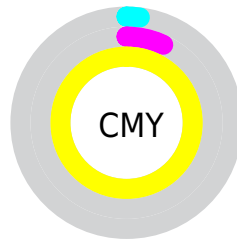


Cyan (0%)

Magenta (5%)

Yellow (100%)

Black (2%)



Cyan (2%)


Magenta (7%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 80.8924, 0.4289, 0.4977 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 80.8924, 0.4289, 0.4977 by changing the saturation by 10% instead.


 80.8924, 0.4289,
0.4977

 80.8924, 0.4289,
0.4977

497.9352, 0.3864,
0.4286


 60.4530, 0.4348,
0.5097


 134.6197, 0.4171,
0.4766


 43.7839, 0.4402,
0.5225


 168.6763, 0.4116,
0.4675


 30.5006, 0.4441,
0.5356


 208.0408, 0.4065,
0.4593

 20.2189, 0.4482,
0.5518

 253.0976, 0.4018,
0.4519

 12.5543, 0.4413,
0.5587

 304.2310, 0.3975,
0.4452

 7.1223, 0.4315,
0.5685

 361.8255, 0.3935,

 3.5387, 0.4164,

0.4392

0.5836

426.2654, 0.3898,
0.4337

■ 1.4190, 0.3901,
0.6099

■ 0.2307, 0.0000,
1.0000

■ 80.8924, 0.4289,
0.4977

■ 80.8924, 0.4289,
0.4977

■ 80.8969, 0.4289,
0.4977

■ 81.7230, 0.4259,
0.4953

■ 82.6445, 0.4206,
0.4893

■ 83.6892, 0.4126,
0.4787

■ 84.8737, 0.4019,
0.4638

■ 86.2122, 0.3891,
0.4453

■ 87.7171, 0.3746,
0.4239

■ 89.3992, 0.3592,
0.4006

■ 91.2688, 0.3434,
0.3765

■ 93.3351, 0.3278,
0.3524

Harmonies

Analogous

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



80.8924, 0.4984, 0.4287



80.8924, 0.4289, 0.4977



80.8924, 0.3359, 0.5278

Triad

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



80.8924, 0.4289, 0.4977



80.8924, 0.1432, 0.2474



80.8924, 0.3640, 0.2304

Complementary

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



80.8924, 0.4289, 0.4977



7.1908, 0.1506, 0.0623

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.



80.8924, 0.2592, 0.1915



80.8924, 0.4289, 0.4977



80.8924, 0.1483, 0.1936

Square

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



80.8924, 0.4289, 0.4977



80.8924, 0.1731, 0.3485



80.8924, 0.1859, 0.1779



80.8924, 0.4673, 0.2884

Rectangle

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



80.8924, 0.4289, 0.4977



80.8924, 0.2718, 0.4997



80.8924, 0.1859, 0.1779



80.8924, 0.3269, 0.2149

Sweetspot

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



80.8969, 0.4289, 0.4977



93.5015, 0.3593, 0.4007



20.3654, 0.6349, 0.3271



19.8493, 0.3658, 0.4107



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.



80.8969, 0.4289, 0.4977



84.6060, 0.4289, 0.4977



74.0998, 0.3449, 0.5643



20.0268, 0.3270, 0.3512



42.9739, 0.4287, 0.4978



4.0262, 0.4275, 0.4988

Inverse Universe

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



7.1908, 0.1506, 0.0623



7.5147, 0.1506, 0.0622



10.1122, 0.1882, 0.0811



16.7878, 0.2979, 0.3057



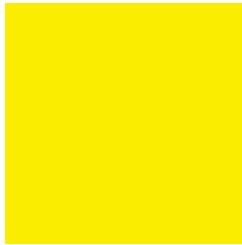
3.8742, 0.1509, 0.0631



0.4082, 0.1530, 0.0708

Previews

White Background



This preview shows how the Yxy color 80.8924, 0.4289, 0.4977 looks on a white background.

Color Contrast Check

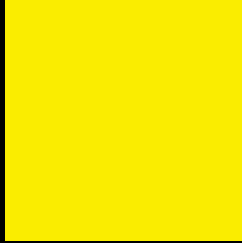
Large Text (above 18pt) WCAG AA × Fail

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 80.8924, 0.4289, 0.4977 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 80.8924, 0.4289, 0.4977

Background



This preview shows how black text looks on a background with the Yxy color 80.8924, 0.4289, 0.4977.



This preview shows how white text looks on a background with the Yxy color 80.8924, 0.4289, 0.4977.

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

80.8924, 0.4289, 0.4977

Protanopia

80.9679, 0.3989, 0.4367

Deuteranopia

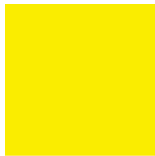
80.5971, 0.3556, 0.3646



Tritanopia

80.6274, 0.3266, 0.3172

Trichromacy



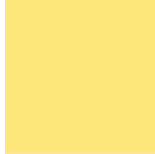
Original Color

80.8924, 0.4289, 0.4977



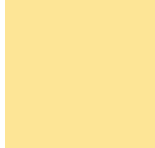
Protanomaly

80.2783, 0.4181, 0.4708



Deuteranomaly

79.4645, 0.3984, 0.4357



Tritanomaly

79.1233, 0.3828, 0.4092

Monochromacy



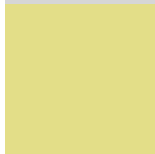
Original Color

80.8924, 0.4289, 0.4977



Achromatopsia

67.2443, 0.3127, 0.3290



Achromatomaly

70.3510, 0.3745, 0.4233

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.8924, 0.4289, 0.4977 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, 237, 0)` looks like.

```
.text, #text, p{  
    color:rgb(250, 237, 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(250, 237, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 237, 0) }
```

Border

The CSS property to change the border of an element to Yxy 80.8924, 0.4289, 0.4977 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, 237, 0) }
```

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

```
.border{ border-color:rgb(250, 237, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 237, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 237, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 237, 0);  
box-shadow:4px 4px 4px 4px rgb(250, 237,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 80.8924, 0.4289, 0.4977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 237, 0) }
```

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

```
.background{ background-color: rgb(250,  
237, 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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