

Converting Colors

Yxy(91.0718, 0.3986, 0.4904)

Have a look what the booklet for
Yxy(91.0718, 0.3986, 0.4904)
contains.

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Color

Yxy(91.1105, 0.3984, 0.4902)

Conversions

Conversions Part 1

Format	Color
Hex	F3FF4D
RGB	243, 255, 77
RGB Percent	95%, 100%, 30%
CMY	0.0473, 0.0000, 0.6980
CMYK	0.05, 0.00, 0.70, 0.00
HSL	64°, 100%, 65%
HSV	64°, 70%, 100%
XYZ	74.0482, 91.1105, 20.7052
YIQ	231.1200, 49.9860, -57.9020

Conversions

Conversions Part 2

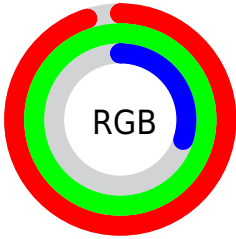
Format	Color
RYB	77, 255, 89
Decimal	15990605
CIELab	96.46, -24.65, 78.88
CIELCh	96, 82.640, 107.352
Yxy	91.1105, 0.3984, 0.4902
Android (android.graphics.Color)	4294180685 (0xFFFF3FF4D)
YUV	231.1200, -75.9812, 10.4188
Hunter-Lab	95.4518, -28.5666, 53.9552

Details

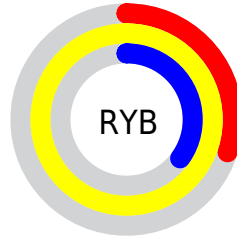
The Yxy color **91.1105, 0.3984, 0.4902** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **14.6562, 0.1831, 0.1081**, and the grayscale version is **80.5418, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.5576, 0.3819, 0.4434**, and **50.4554, 0.4061, 0.5158** is the 20% darker color. If you saturate the color by 10%, you get **90.5029, 0.4039, 0.5027**, and if you desaturate by 10%, it is **91.8432, 0.3903, 0.4734**.

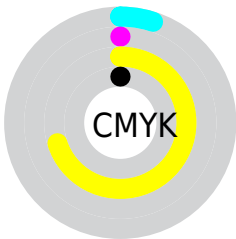
Distribution



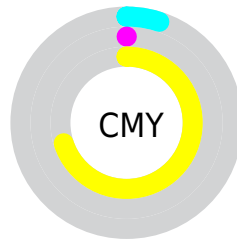
- Red (95%)
- Green (100%)
- Blue (30%)



- Red (30%)
- Yellow (100%)
- Blue (35%)



- Cyan (5%)
- Magenta (0%)
- Yellow (70%)
- Black (0%)





- Cyan (5%)
- Magenta (0%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.1105, 0.3984, 0.4902 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 91.1105, 0.3984, 0.4902 by changing the saturation by 10% instead.


 91.1105, 0.3984,
0.4902

 91.1105, 0.3984,
0.4902


531.6367, 0.3669,
0.4207


 68.9021, 0.4031,
0.5039

 148.8800, 0.3894,
0.4677


 50.6319, 0.4077,
0.5194

 185.2098, 0.3854,
0.4585

 35.9158, 0.4114,
0.5370


 227.0155, 0.3816,
0.4503

 24.3692, 0.4133,
0.5564

 274.6816, 0.3782,
0.4430

 15.6077, 0.4148,
0.5821

328.5923, 0.3750,
0.4365

 9.2470, 0.4020,
0.5980

389.1321, 0.3721,

 4.9026, 0.3811,

0.4307

0.6189

456.6855, 0.3694,
0.4254

■ 2.1902, 0.3470,
0.6530

■ 0.7147, 0.0979,
0.9021

■ 91.1105, 0.3984,
0.4902

■ 91.1105, 0.3984,
0.4902

■ 90.5029, 0.4039,
0.5027

■ 91.8432, 0.3903,
0.4734

■ 90.0312, 0.4067,
0.5106


■ 92.7440, 0.3799,
0.4529

■ 89.6577, 0.4073,
0.5147

■ 93.8165, 0.3678,
0.4296

■ 89.6506, 0.4073,
0.5148

■ 95.0721, 0.3544,
0.4046

 96.5214, 0.3404,
0.3789

 98.1742, 0.3263,
0.3533

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



91.1105, 0.4657, 0.4390



91.1105, 0.3984, 0.4902



91.1105, 0.3136, 0.4932

Triad

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



91.1105, 0.3984, 0.4902



91.1105, 0.1594, 0.2424



91.1105, 0.3836, 0.2544

Complementary

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



91.1105, 0.3984, 0.4902



14.6562, 0.1831, 0.1081

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.



91.1105, 0.2891, 0.2134



91.1105, 0.3984, 0.4902



91.1105, 0.1717, 0.2025

Square

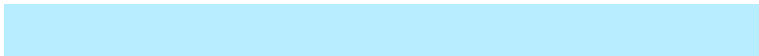
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



91.1105, 0.3984, 0.4902



91.1105, 0.1790, 0.3208



91.1105, 0.2148, 0.1948



91.1105, 0.4643, 0.3107

Rectangle

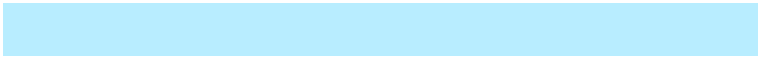
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91.1105, 0.3984, 0.4902



91.1105, 0.2580, 0.4536



91.1105, 0.2148, 0.1948



91.1105, 0.3516, 0.2386

Sweetspot

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



91.1011, 0.3984, 0.4902



96.3369, 0.3421, 0.3820



28.9202, 0.5413, 0.3393



20.5316, 0.3460, 0.3891



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.



91.1011, 0.3984, 0.4902



90.2905, 0.4054, 0.5065



78.9397, 0.3386, 0.5298



21.0244, 0.3259, 0.3526



46.8710, 0.4075, 0.5146



4.5817, 0.4089, 0.5135

Inverse Universe

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



14.6562, 0.1831, 0.1081



9.6130, 0.1629, 0.0766



21.9789, 0.2474, 0.1393



17.4365, 0.2989, 0.3045



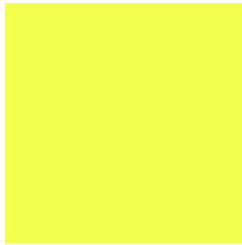
3.8578, 0.1520, 0.0611



0.3952, 0.1567, 0.0637

Previews

White Background



This preview shows how the Yxy color 91.1105, 0.3984, 0.4902 looks on a white background.

Color Contrast Check

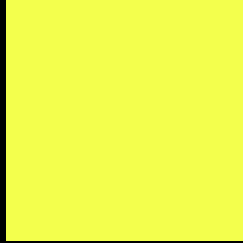
Large Text (above 18pt) WCAG AA × Fail

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 91.1105, 0.3984, 0.4902 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 91.1105, 0.3984, 0.4902

Background



This preview shows how black text looks on a background with the Yxy color 91.1105, 0.3984, 0.4902.

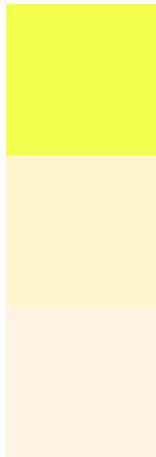


This preview shows how white text looks on a background with the Yxy color 91.1105, 0.3984, 0.4902.

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

91.1105, 0.3984, 0.4902

Protanopia

91.0210, 0.3435, 0.3677

Deuteranopia

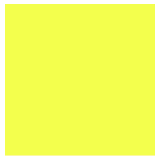
90.9626, 0.3299, 0.3438



Tritanopia

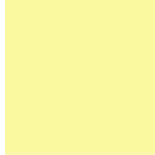
90.6720, 0.3146, 0.3165

Trichromacy



Original Color

91.1105, 0.3984, 0.4902



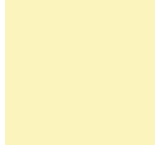
Protanomaly

90.7638, 0.3686, 0.4187



Deuteranomaly

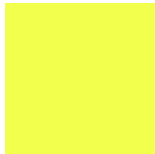
90.0479, 0.3609, 0.4033



Tritanomaly

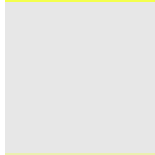
89.4882, 0.3515, 0.3854

Monochromacy



Original Color

91.1105, 0.3984, 0.4902



Achromatopsia

79.9103, 0.3127, 0.3290



Achromatomaly

83.0775, 0.3501, 0.3976

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.1105, 0.3984, 0.4902 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(243, 255, 77)` looks like.

```
.text, #text, p{  
    color:rgb(243, 255, 77)  
}
```

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(243, 255, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 255, 77) }
```

Border

The CSS property to change the border of an element to Yxy 91.1105, 0.3984, 0.4902 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(243, 255, 77) }
```

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

```
.border{ border-color:rgb(243, 255, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 255, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 255, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 255, 77);  
box-shadow:4px 4px 4px 4px rgb(243, 255,  
77) }
```


Background

The CSS property to change the background color of an element to Yxy 91.1105, 0.3984, 0.4902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 255, 77) }
```

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

```
.background{ background-color: rgb(243,  
255, 77) }
```

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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