

Converting Colors

$Yxy(92.9868, 0.4144, 0.4971)$

Have a look what the booklet for
Yxy(92.9868, 0.4144, 0.4971)
contains.

Yxy(92.9852, 0.4144, 0.4971)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(92.9852, 0.4144, 0.4971)

Conversions

Conversions Part 1

Format	Color
Hex	FFFF2F
RGB	255, 255, 47
RGB Percent	100%, 100%, 18%
CMY	0.0000, 0.0000, 0.8155
CMYK	0.00, 0.00, 0.82, 0.00
HSL	60°, 100%, 59%
HSV	60°, 82%, 100%
XYZ	77.5157, 92.9852, 16.5544
YIQ	231.2880, 66.7680, -64.6880

Conversions

Conversions Part 2

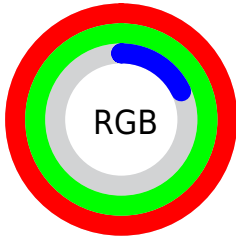
Format	Color
RYB	47, 255, 47
Decimal	16777007
CIELab	97.22, -20.88, 88.46
CIElCh	97, 90.895, 103.278
Yxy	92.9852, 0.4144, 0.4971
Android (android.graphics.Color)	4294967087 (0xFFFFFFFF2F)
YUV	231.2880, -90.8540, 20.7954
Hunter-Lab	96.4288, -25.2606, 57.3216

Details

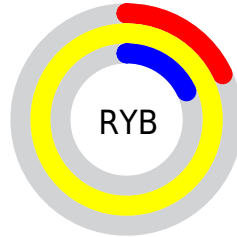
The Yxy color **92.9852, 0.4144, 0.4971** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **9.8611, 0.1612, 0.0785**, and the grayscale version is **80.7928, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.9949, 0.3926, 0.4610**, and **52.3162, 0.4149, 0.5087** is the 20% darker color. If you saturate the color by 10%, you get **92.8362, 0.4180, 0.5030**, and if you desaturate by 10%, it is **93.2549, 0.4082, 0.4869**.

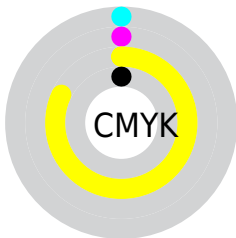
Distribution



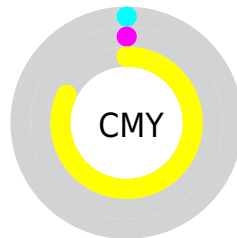
- Red (100%)
- Green (100%)
- Blue (18%)



- Red (18%)
- Yellow (100%)
- Blue (18%)



- Cyan (0%)
- Magenta (0%)
- Yellow (82%)
- Black (0%)





- Cyan (0%)
- Magenta (0%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.9852, 0.4144, 0.4971 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 92.9852, 0.4144, 0.4971 by changing the saturation by 10% instead.


 92.9852, 0.4144,
0.4971


 92.9852, 0.4144,
0.4971


537.6945, 0.3780,
0.4275

 70.4592, 0.4195,
0.5099


 151.4781, 0.4043,
0.4754

 51.9010, 0.4243,
0.5239


 188.2138, 0.3997,
0.4662

 36.9262, 0.4279,
0.5390


 230.4549, 0.3953,
0.4580

 25.1503, 0.4295,
0.5548

 278.5857, 0.3913,
0.4506

 16.1891, 0.4280,
0.5720

 332.9907, 0.3875,
0.4439

 9.6581, 0.4165,
0.5835


394.0542, 0.3841,

 5.1728, 0.3995,


0.4379


0.6005

462.1607, 0.3809,
0.4325


 2.3490, 0.3720,
0.6280

 0.7995, 0.2384,
0.7616

 92.9852, 0.4144,
0.4971


 92.9852, 0.4144,
0.4971


 92.8362, 0.4180,
0.5030


 93.2549, 0.4082,
0.4869


 92.7800, 0.4193,
0.5053

 93.6625, 0.3994,
0.4722

 94.2235, 0.3881,
0.4537


 94.9511, 0.3750,
0.4320

 95.8569, 0.3605,
0.4081

 96.9518, 0.3454,
0.3830

 98.2456, 0.3300,
0.3576

 99.7473, 0.3150,
0.3328

 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.



92.9852, 0.4840, 0.4354



92.9852, 0.4144, 0.4971



92.9852, 0.3243, 0.5140

Triad

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



92.9852, 0.4144, 0.4971



92.9852, 0.1492, 0.2431



92.9852, 0.3754, 0.2414

Complementary

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



92.9852, 0.4144, 0.4971



9.8611, 0.1612, 0.0785

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.



92.9852, 0.2739, 0.2009



92.9852, 0.4144, 0.4971



92.9852, 0.1581, 0.1962

Square

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



92.9852, 0.4144, 0.4971



92.9852, 0.1740, 0.3335



92.9852, 0.1989, 0.1845



92.9852, 0.4688, 0.2992

Rectangle

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



92.9852, 0.4144, 0.4971



92.9852, 0.2636, 0.4788



92.9852, 0.1989, 0.1845



92.9852, 0.3401, 0.2255

Sweetspot

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



92.9855, 0.4144, 0.4971



96.6661, 0.3491, 0.3892



23.5014, 0.6003, 0.3299



20.6059, 0.3545, 0.3981



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.



92.9855, 0.4144, 0.4971



92.7912, 0.4190, 0.5048



78.3066, 0.3440, 0.5493



21.0908, 0.3269, 0.3525



48.4795, 0.4193, 0.5053



4.7203, 0.4193, 0.5053

Inverse Universe

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



9.8611, 0.1612, 0.0785



7.3636, 0.1507, 0.0611



15.8370, 0.2216, 0.1102



17.3778, 0.2978, 0.3044



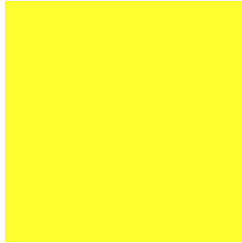
3.7726, 0.1500, 0.0600



0.3673, 0.1500, 0.0600

Previews

White Background



This preview shows how the Yxy color 92.9852, 0.4144, 0.4971 looks on a white background.

Color Contrast Check

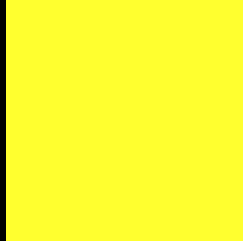
Large Text (above 18pt) WCAG AA × Fail

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 92.9852, 0.4144, 0.4971 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 92.9852, 0.4144, 0.4971

Background



This preview shows how black text looks on a background with the Yxy color 92.9852, 0.4144, 0.4971.



This preview shows how white text looks on a background with the Yxy color 92.9852, 0.4144, 0.4971.

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



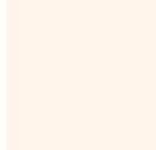
Original Color

92.9852, 0.4144, 0.4971



Protanopia

92.7913, 0.3363, 0.3586



Deuteranopia

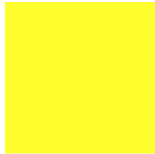
92.5053, 0.3259, 0.3398



Tritanopia

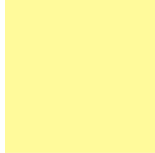
92.8635, 0.3162, 0.3232

Trichromacy



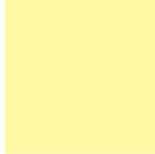
Original Color

92.9852, 0.4144, 0.4971



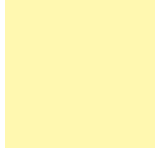
Protanomaly

91.9978, 0.3734, 0.4224



Deuteranomaly

91.7645, 0.3673, 0.4111



Tritanomaly

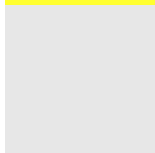
91.5294, 0.3616, 0.4005

Monochromacy



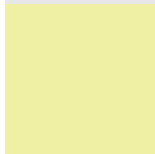
Original Color

92.9852, 0.4144, 0.4971



Achromatopsia

79.9103, 0.3127, 0.3290



Achromatomaly

83.5258, 0.3606, 0.4081

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.9852, 0.4144, 0.4971 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(255, 255, 47)` looks like.

```
.text, #text, p{  
    color:rgb(255, 255, 47)  
}
```

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(255, 255, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 255, 47) }
```

Border

The CSS property to change the border of an element to Yxy 92.9852, 0.4144, 0.4971 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(255, 255, 47) }
```

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

```
.border{ border-color:rgb(255, 255, 47) }
```

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

Here you see how a box with a 4 pixel rgb(255, 255, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 255, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 255, 47);  
box-shadow:4px 4px 4px 4px rgb(255, 255,  
47) }
```


Background

The CSS property to change the background color of an element to Yxy 92.9852, 0.4144, 0.4971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 255, 47) }
```

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

```
.background{ background-color: rgb(255,  
255, 47) }
```

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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