

Converting Colors

$Y_{xy}(92.7932, 0.4175, 0.5021)$

Have a look what the booklet for
Yxy(92.7932, 0.4175, 0.5021)
contains.

Yxy(92.8591, 0.4174, 0.5021)	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(92.8591, 0.4174, 0.5021)

Conversions

Conversions Part 1

Format	Color
Hex	FFFF1B
RGB	255, 255, 27
RGB Percent	100%, 100%, 11%
CMY	0.0000, 0.0000, 0.8943
CMYK	0.00, 0.00, 0.89, 0.00
HSL	60°, 100%, 55%
HSV	60°, 89%, 100%
XYZ	77.1946, 92.8591, 14.8878
YIQ	229.0080, 73.1880, -70.9080

Conversions

Conversions Part 2

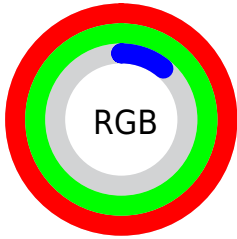
Format	Color
R _Y B	27, 255, 27
Decimal	16776987
CIE Lab	97.17, -21.30, 92.09
CIE LCh	97, 94.518, 103.025
Yxy	92.8591, 0.4174, 0.5021
Android (android.graphics.Color)	4294967067 (0xFFFFFFFF1B)
YUV	229.0080, -99.5899, 22.7950
Hunter-Lab	96.3634, -25.6437, 58.2943

Details

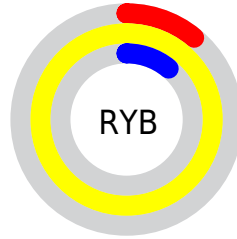
The Yxy color **92.8591, 0.4174, 0.5021** is a light color, and the websafe version is hex **FFFF00**. The color can be described as light washed yellow. A complement of this color would be **8.2341, 0.1544, 0.0673**, and the grayscale version is **79.0609, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7795, 0.3969, 0.4682**, and **52.3162, 0.4149, 0.5087** is the 20% darker color. If you saturate the color by 10%, you get **92.7810, 0.4192, 0.5051**, and if you desaturate by 10%, it is **93.0302, 0.4133, 0.4953**.

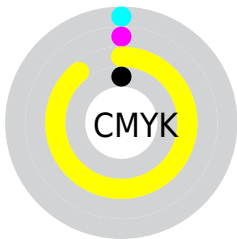
Distribution



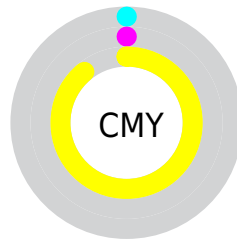
- Red (100%)
- Green (100%)
- Blue (11%)



- Red (11%)
- Yellow (100%)
- Blue (11%)



- Cyan (0%)
- Magenta (0%)
- Yellow (89%)
- Black (0%)




- Cyan (0%)
- Magenta (0%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 92.8591, 0.4174, 0.5021 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 92.8591, 0.4174, 0.5021 by changing the saturation by 10% instead.


 92.8591, 0.4174,
0.5021


 92.8591, 0.4174,
0.5021


537.2882, 0.3807,
0.4312


 70.3544, 0.4223,
0.5148


 151.3035, 0.4075,
0.4802

 51.8155, 0.4266,
0.5286


 188.0120, 0.4028,
0.4709

 36.8580, 0.4297,
0.5432


 230.2239, 0.3984,
0.4625

 25.0976, 0.4308,
0.5591

 278.3236, 0.3943,
0.4549

 16.1498, 0.4267,
0.5733

 332.6955, 0.3905,
0.4481

 9.6302, 0.4150,
0.5850


393.7240, 0.3870,


 5.1545, 0.3976,


0.4420


0.6024


461.7934, 0.3837,
0.4363


 2.3382, 0.3694,
0.6306

 0.7938, 0.2280,
0.7720


 92.8591, 0.4174,
0.5021


 92.8591, 0.4174,
0.5021

 92.7810, 0.4192,
0.5051


 93.0302, 0.4133,
0.4953

 92.7778, 0.4193,
0.5053

 93.3278, 0.4065,
0.4841


 93.7670, 0.3971,
0.4686

 94.3626, 0.3855,
0.4493

 95.1273, 0.3720,
0.4270

 96.0726, 0.3574,
0.4028

 97.2092, 0.3421,
0.3776

 98.5465, 0.3268,
0.3523

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.



92.8591, 0.4897, 0.4368



92.8591, 0.4174, 0.5021



92.8591, 0.3244, 0.5223

Triad

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



92.8591, 0.4174, 0.5021



92.8591, 0.1443, 0.2401



92.8591, 0.3767, 0.2380

Complementary

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



92.8591, 0.4174, 0.5021



8.2341, 0.1544, 0.0673

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.



92.8591, 0.2714, 0.1967



92.8591, 0.4174, 0.5021



92.8591, 0.1532, 0.1919

Square

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



92.8591, 0.4174, 0.5021



92.8591, 0.1695, 0.3341



92.8591, 0.1946, 0.1801



92.8591, 0.4743, 0.2970

Rectangle

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



92.8591, 0.4174, 0.5021



92.8591, 0.2618, 0.4865



92.8591, 0.1946, 0.1801



92.8591, 0.3400, 0.2218

Sweetspot

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



92.8569, 0.4174, 0.5021



96.3310, 0.3537, 0.3967



22.1205, 0.6239, 0.3299



20.5418, 0.3588, 0.4052



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.



92.8569, 0.4174, 0.5021



92.7778, 0.4193, 0.5053



77.2595, 0.3409, 0.5612



21.0907, 0.3269, 0.3525



48.4784, 0.4193, 0.5053



4.7202, 0.4193, 0.5053

Inverse Universe

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



8.2341, 0.1544, 0.0673



7.2201, 0.1500, 0.0600



13.6622, 0.2120, 0.0984



17.3779, 0.2978, 0.3044



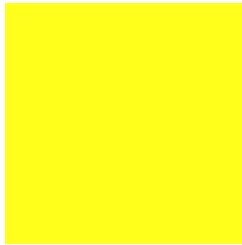
3.7727, 0.1500, 0.0600



0.3673, 0.1500, 0.0600

Previews

White Background



This preview shows how the Yxy color 92.8591, 0.4174, 0.5021 looks on a white background.

Color Contrast Check

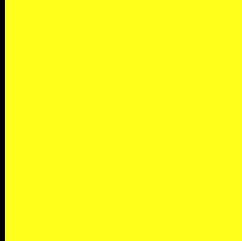
Large Text (above 18pt) WCAG AA × Fail

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 92.8591, 0.4174, 0.5021 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 92.8591, 0.4174, 0.5021

Background



This preview shows how black text looks on a background with the Yxy color 92.8591, 0.4174, 0.5021.

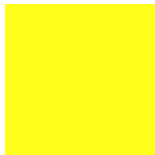


This preview shows how white text looks on a background with the Yxy color 92.8591, 0.4174, 0.5021.

Color Blindness Simulation

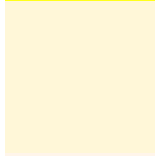
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



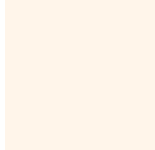
Original Color

92.8591, 0.4174, 0.5021



Protanopia

92.7394, 0.3369, 0.3596



Deuteranopia

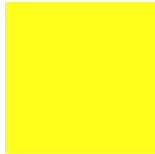
92.5053, 0.3259, 0.3398



Tritanopia

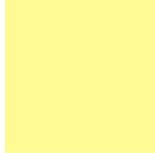
92.8635, 0.3162, 0.3232

Trichromacy



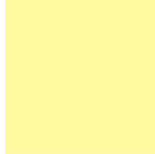
Original Color

92.8591, 0.4174, 0.5021



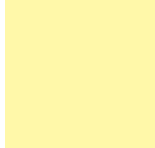
Protanomaly

91.7378, 0.3780, 0.4297



Deuteranomaly

91.5146, 0.3715, 0.4178



Tritanomaly

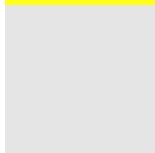
91.2594, 0.3658, 0.4073

Monochromacy



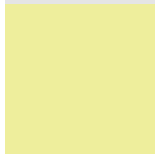
Original Color

92.8591, 0.4174, 0.5021



Achromatopsia

78.3538, 0.3127, 0.3290



Achromatomaly

81.7265, 0.3646, 0.4148

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.8591, 0.4174, 0.5021 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, 27)` looks like.

```
.text, #text, p{  
    color:rgb(255, 255, 27)  
}
```

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, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 255, 27) }
```

Border

The CSS property to change the border of an element to Yxy 92.8591, 0.4174, 0.5021 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, 27) }
```

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

```
.border{ border-color:rgb(255, 255, 27) }
```

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, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 255, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 255, 27);  
box-shadow:4px 4px 4px 4px rgb(255, 255,  
27) }
```


Background

The CSS property to change the background color of an element to Yxy 92.8591, 0.4174, 0.5021 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, 27) }
```

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

```
.background{ background-color: rgb(255,  
255, 27) }
```

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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