

Converting Colors

Yxy(89.6599, 0.4111, 0.4822)

Have a look what the booklet for
Yxy(89.6599, 0.4111, 0.4822)
contains.

Yxy(89.5058, 0.4114, 0.4823)	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(89.5058, 0.4114, 0.4823)

Conversions

Conversions Part 1

Format	Color
Hex	FFF94A
RGB	255, 249, 74
RGB Percent	100%, 98%, 29%
CMY	0.0000, 0.0235, 0.7099
CMYK	0.00, 0.02, 0.71, 0.00
HSL	58°, 100%, 65%
HSV	58°, 71%, 100%
XYZ	76.3481, 89.5058, 19.7273
YIQ	230.8440, 59.7510, -53.1530

Conversions

Conversions Part 2

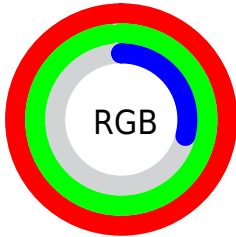
Format	Color
R_{YB}	80, 255, 74
Decimal	16775498
CIE Lab	95.79, -17.07, 79.57
CIE LCh	96, 81.384, 102.107
Yxy	89.5058, 0.4114, 0.4823
Android (android.graphics.Color)	4294965578 (0xFFFFF94A)
YUV	230.8440, -77.3241, 21.1848
Hunter-Lab	94.6075, -21.5139, 53.8623

Details

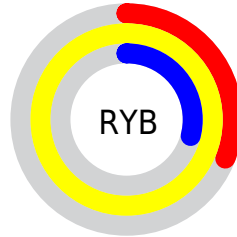
The Yxy color **89.5058, 0.4114, 0.4823** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **14.4064, 0.1768, 0.1073**, and the grayscale version is **80.3424, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.4735, 0.3834, 0.4459**, and **49.6093, 0.4202, 0.5045** is the 20% darker color. If you saturate the color by 10%, you get **88.7138, 0.4186, 0.4926**, and if you desaturate by 10%, it is **90.4477, 0.4015, 0.4677**.

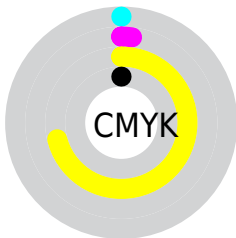
Distribution



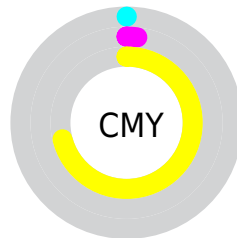
- Red (100%)
- Green (98%)
- Blue (29%)



- Red (31%)
- Yellow (100%)
- Blue (29%)



- Cyan (0%)
- Magenta (2%)
- Yellow (71%)
- Black (0%)





- Cyan (0%)
- Magenta (2%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 89.5058, 0.4114, 0.4823 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 89.5058, 0.4114, 0.4823 by changing the saturation by 10% instead.


 89.5058, 0.4114,
0.4823


 89.5058, 0.4114,
0.4823


526.4219, 0.3739,
0.4175


 67.5708, 0.4174,
0.4947


 146.6517, 0.4004,
0.4617

 49.5487, 0.4234,
0.5085


 182.6315, 0.3955,
0.4531


 35.0549, 0.4290,
0.5238


 224.0616, 0.3911,
0.4454

 23.7052, 0.4330,
0.5402

 271.3266, 0.3870,
0.4386

 15.1151, 0.4379,
0.5621

 324.8107, 0.3833,
0.4325

 8.9002, 0.4281,
0.5719

384.8983, 0.3799,

 4.6761, 0.4135,

0.4270

0.5865

451.9739, 0.3768,
0.4220

■ 2.0585, 0.3894,
0.6106

■ 0.6411, 0.2311,
0.7689

■ 89.5058, 0.4114,
0.4823

■ 89.5058, 0.4114,
0.4823

■ 88.7138, 0.4186,
0.4926

■ 90.4477, 0.4015,
0.4677

■ 88.0411, 0.4231,
0.4984

■ 91.5418, 0.3894,
0.4493

■ 87.5151, 0.4253,
0.5005

■ 92.8056, 0.3754,
0.4278

■ 94.2506, 0.3604,
0.4044

 95.8876, 0.3448,
0.3799

 97.7262, 0.3293,
0.3553

 99.7758, 0.3142,
0.3313

 99.9977, 0.3127,
0.3290

Harmonies

Analogous

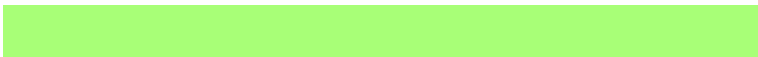
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.5058, 0.4729, 0.4275



89.5058, 0.4114, 0.4823



89.5058, 0.3288, 0.4962

Triad

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



89.5058, 0.4114, 0.4823



89.5058, 0.1616, 0.2540



89.5058, 0.3664, 0.2465

Complementary

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



89.5058, 0.4114, 0.4823



14.4064, 0.1768, 0.1073

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.



89.5058, 0.2745, 0.2093



89.5058, 0.4114, 0.4823



89.5058, 0.1684, 0.2079

Square

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



89.5058, 0.4114, 0.4823



89.5058, 0.1870, 0.3381



89.5058, 0.2058, 0.1951



89.5058, 0.4518, 0.3005

Rectangle

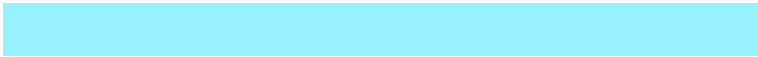
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89.5058, 0.4114, 0.4823



89.5058, 0.2725, 0.4656



89.5058, 0.2058, 0.1951



89.5058, 0.3345, 0.2319

Sweetspot

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



89.5100, 0.4114, 0.4823



95.8952, 0.3448, 0.3800



26.7328, 0.5488, 0.3251



20.4245, 0.3492, 0.3868



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.



89.5100, 0.4114, 0.4823



88.4394, 0.4208, 0.4954



80.6107, 0.3497, 0.5252



20.9817, 0.3270, 0.3517



45.7793, 0.4252, 0.5006



4.4884, 0.4245, 0.5012

Inverse Universe

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



14.4064, 0.1768, 0.1073



9.5449, 0.1588, 0.0765



19.4300, 0.2303, 0.1290



17.4738, 0.2978, 0.3052



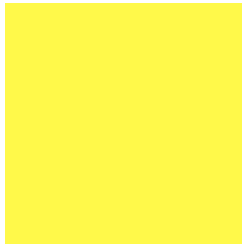
3.9097, 0.1506, 0.0620



0.4130, 0.1519, 0.0666

Previews

White Background



This preview shows how the Yxy color 89.5058, 0.4114, 0.4823 looks on a white background.

Color Contrast Check

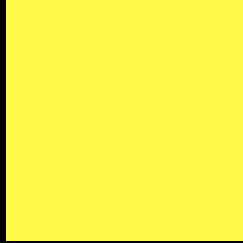
Large Text (above 18pt) WCAG AA × Fail

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 89.5058, 0.4114, 0.4823 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 89.5058, 0.4114, 0.4823

Background



This preview shows how black text looks on a background with the Yxy color 89.5058, 0.4114, 0.4823.



This preview shows how white text looks on a background with the Yxy color 89.5058, 0.4114, 0.4823.

Color Blindness Simulation

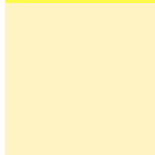
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



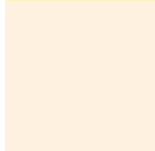
Original Color

89.5058, 0.4114, 0.4823



Protanopia

89.3467, 0.3503, 0.3759



Deuteranopia

89.5524, 0.3327, 0.3458



Tritanopia

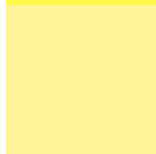
89.0629, 0.3190, 0.3213

Trichromacy



Original Color

89.5058, 0.4114, 0.4823



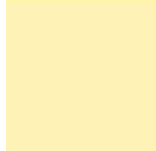
Protanomaly

88.8318, 0.3770, 0.4209



Deuteranomaly

88.8259, 0.3670, 0.4037



Tritanomaly

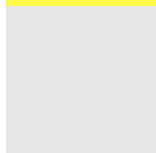
88.1832, 0.3588, 0.3881

Monochromacy



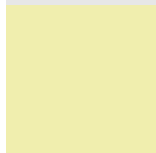
Original Color

89.5058, 0.4114, 0.4823



Achromatopsia

79.9103, 0.3127, 0.3290



Achromatomaly

82.7303, 0.3548, 0.3959

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.5058, 0.4114, 0.4823 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, 249, 74)` looks like.

```
.text, #text, p{  
    color:rgb(255, 249, 74)  
}
```

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, 249, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 249, 74) }
```

Border

The CSS property to change the border of an element to Yxy 89.5058, 0.4114, 0.4823 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, 249, 74) }
```

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

```
.border{ border-color:rgb(255, 249, 74) }
```

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

Here you see how a box with a 4 pixel rgb(255, 249, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 249, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 249, 74);  
box-shadow:4px 4px 4px 4px rgb(255, 249,  
74) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 89.5058, 0.4114, 0.4823$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 249, 74) }
```

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

```
.background{ background-color: rgb(255,  
249, 74) }
```

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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