

Converting Colors

Yxy(86.3426, 0.4112, 0.5074)

Have a look what the booklet for
Yxy(86.3426, 0.4112, 0.5074)
contains.

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Color

Yxy(86.3426, 0.4112, 0.5074)

Conversions

Conversions Part 1

Format	Color
Hex	F0F918
RGB	240, 249, 24
RGB Percent	94%, 98%, 9%
CMY	0.0589, 0.0235, 0.9051
CMYK	0.04, 0.00, 0.90, 0.02
HSL	62°, 95%, 54%
HSV	62°, 90%, 98%
XYZ	69.9726, 86.3426, 13.8516
YIQ	220.6590, 66.8610, -71.8830

Conversions

Conversions Part 2

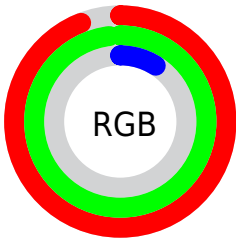
Format	Color
R _Y B	24, 249, 33
Decimal	15792408
CIE Lab	94.46, -24.64, 89.86
CIE LCh	94, 93.176, 105.334
Yxy	86.3426, 0.4112, 0.5074
Android (android.graphics.Color)	4293982488 (0xFFFF0F918)
YUV	220.6590, -96.9529, 16.9621
Hunter-Lab	92.9207, -28.1945, 56.2062

Details

The Yxy color **86.3426, 0.4112, 0.5074** 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 **7.8286, 0.1556, 0.0674**, and the grayscale version is **72.7286, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7196, 0.3982, 0.4703**, and **47.7236, 0.4067, 0.5153** is the 20% darker color. If you saturate the color by 10%, you get **86.1102, 0.4122, 0.5109**, and if you desaturate by 10%, it is **86.6779, 0.4080, 0.5002**.

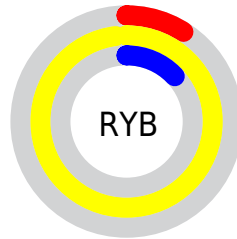
Distribution



Red (94%)

Green (98%)

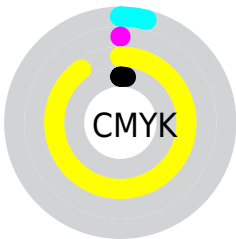
Blue (9%)



Red (9%)

Yellow (98%)

Blue (13%)

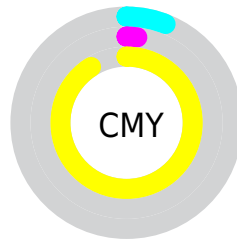


Cyan (4%)

Magenta (0%)

Yellow (90%)

Black (2%)



Cyan (6%)


Magenta (2%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.3426, 0.4112, 0.5074 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 86.3426, 0.4112, 0.5074 by changing the saturation by 10% instead.


 86.3426, 0.4112,
0.5074


 86.3426, 0.4112,
0.5074


516.0602, 0.3768,
0.4324


 64.9513, 0.4155,
0.5212


 142.2475, 0.4021,
0.4839


 47.4216, 0.4191,
0.5364


 177.5299, 0.3977,
0.4739

 33.3691, 0.4211,
0.5526


 218.2114, 0.3935,
0.4651

 22.4093, 0.4214,
0.5714

 264.6765, 0.3897,
0.4571

 14.1580, 0.4137,
0.5863

 317.3095, 0.3861,
0.4500

 8.2306, 0.3985,
0.6015


376.4949, 0.3828,


 4.2429, 0.3757,

0.4435


0.6243


442.6170, 0.3797,
0.4377

 1.8103, 0.3375,
0.6625

 0.4936, 0.0000,
1.0000


 86.3426, 0.4112,
0.5074


 86.3426, 0.4112,
0.5074


 86.1102, 0.4122,
0.5109


 86.6779, 0.4080,
0.5002


 87.1262, 0.4021,
0.4885

 87.7082, 0.3937,
0.4724


 88.4379, 0.3829,
0.4527

 89.3275, 0.3703,
0.4300

 90.3880, 0.3565,
0.4054

 91.6293, 0.3420,
0.3799

 93.0607, 0.3274,
0.3545

 94.6907, 0.3131,
0.3297

Harmonies

Analogous

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



86.3426, 0.4867, 0.4429



86.3426, 0.4112, 0.5074



86.3426, 0.3168, 0.5225

Triad

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



86.3426, 0.4112, 0.5074



86.3426, 0.1426, 0.2338



86.3426, 0.3858, 0.2413

Complementary

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



86.3426, 0.4112, 0.5074



7.8286, 0.1556, 0.0674

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.



86.3426, 0.2784, 0.1981



86.3426, 0.4112, 0.5074



86.3426, 0.1540, 0.1887

Square

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



86.3426, 0.4112, 0.5074



86.3426, 0.1650, 0.3251



86.3426, 0.1983, 0.1793



86.3426, 0.4816, 0.3016

Rectangle

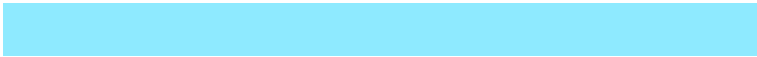
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.3426, 0.4112, 0.5074



86.3426, 0.2543, 0.4815



86.3426, 0.1983, 0.1793



86.3426, 0.3487, 0.2245

Sweetspot

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



86.3466, 0.4112, 0.5074



95.8108, 0.3518, 0.3972



21.2248, 0.6225, 0.3324



20.4165, 0.3567, 0.4058



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.



86.3466, 0.4112, 0.5074



90.8889, 0.4122, 0.5109



72.5004, 0.3363, 0.5655



20.1531, 0.3263, 0.3525



46.1046, 0.4123, 0.5108



4.2808, 0.4132, 0.5101

Inverse Universe

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



7.8286, 0.1556, 0.0674



7.2861, 0.1508, 0.0605



13.4396, 0.2175, 0.1010



16.6762, 0.2985, 0.3045



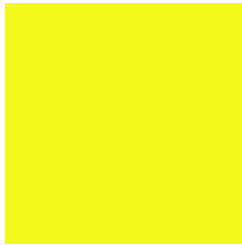
3.7100, 0.1512, 0.0607



0.3549, 0.1542, 0.0623

Previews

White Background



This preview shows how the Yxy color 86.3426, 0.4112, 0.5074 looks on a white background.

Color Contrast Check

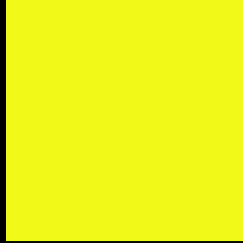
Large Text (above 18pt) WCAG AA × Fail

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 86.3426, 0.4112, 0.5074 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 86.3426, 0.4112, 0.5074

Background



This preview shows how black text looks on a background with the Yxy color 86.3426, 0.4112, 0.5074.

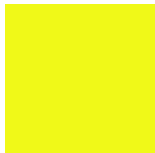


This preview shows how white text looks on a background with the Yxy color 86.3426, 0.4112, 0.5074.

Color Blindness Simulation

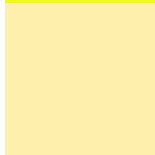
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



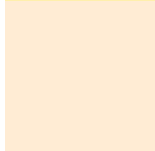
Original Color

86.3426, 0.4112, 0.5074



Protanopia

85.9716, 0.3667, 0.3963



Deuteranopia

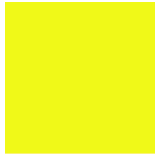
86.0044, 0.3412, 0.3530



Tritanopia

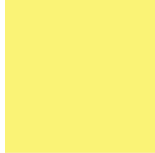
85.7505, 0.3182, 0.3135

Trichromacy



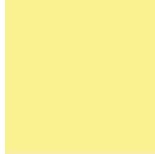
Original Color

86.3426, 0.4112, 0.5074



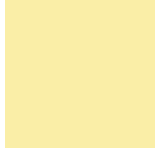
Protanomaly

85.7332, 0.3929, 0.4507



Deuteranomaly

85.2482, 0.3796, 0.4262



Tritanomaly

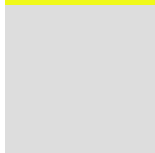
84.2631, 0.3665, 0.4012

Monochromacy



Original Color

86.3426, 0.4112, 0.5074



Achromatopsia

72.3055, 0.3127, 0.3290



Achromatomaly

75.8157, 0.3638, 0.4179

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.3426, 0.4112, 0.5074 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(240, 249, 24)` looks like.

```
.text, #text, p{  
    color:rgb(240, 249, 24)  
}
```

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(240, 249, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 249, 24) }
```

Border

The CSS property to change the border of an element to Yxy 86.3426, 0.4112, 0.5074 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(240, 249, 24) }
```

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

```
.border{ border-color:rgb(240, 249, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 249, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 249, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 249, 24);  
box-shadow:4px 4px 4px 4px rgb(240, 249,  
24) }
```


Background

The CSS property to change the background color of an element to Yxy 86.3426, 0.4112, 0.5074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 249, 24) }
```

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

```
.background{ background-color: rgb(240,  
249, 24) }
```

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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