

Converting Colors

Yxy(85.9821, 0.4199, 0.5016)

Have a look what the booklet for
Yxy(85.9821, 0.4199, 0.5016)
contains.

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Color

Yxy(86.1018, 0.4201, 0.5014)

Conversions

Conversions Part 1

Format	Color
Hex	F9F614
RGB	249, 246, 20
RGB Percent	98%, 96%, 8%
CMY	0.0237, 0.0352, 0.9214
CMYK	0.00, 0.01, 0.92, 0.02
HSL	59°, 95%, 53%
HSV	59°, 92%, 98%
XYZ	72.1407, 86.1018, 13.4802
YIQ	221.1330, 74.3340, -69.6500

Conversions

Conversions Part 2

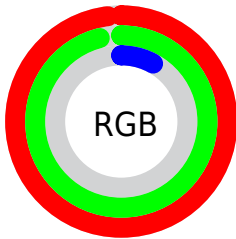
Format	Color
R _Y B	23, 249, 20
Decimal	16381460
CIE Lab	94.36, -19.58, 90.59
CIE LCh	94, 92.681, 102.197
Yxy	86.1018, 0.4201, 0.5014
Android (android.graphics.Color)	4294571540 (0xFFFF9F614)
YUV	221.1330, -99.1586, 24.4394
Hunter-Lab	92.7911, -23.6089, 56.3404

Details

The Yxy color **86.1018, 0.4201, 0.5014** 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 **7.5997, 0.1533, 0.0658**, and the grayscale version is **73.0798, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6809, 0.3990, 0.4716**, and **47.5183, 0.4175, 0.5067** is the 20% darker color. If you saturate the color by 10%, you get **85.8980, 0.4216, 0.5034**, and if you desaturate by 10%, it is **86.4396, 0.4163, 0.4957**.

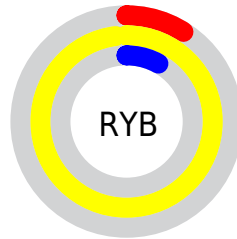
Distribution



Red (98%)

Green (96%)

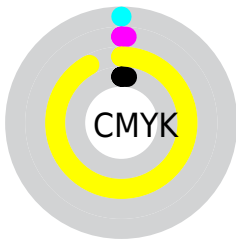
Blue (8%)



Red (9%)

Yellow (98%)

Blue (8%)

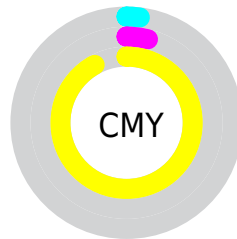


Cyan (0%)

Magenta (1%)

Yellow (92%)

Black (2%)



Cyan (2%)


Magenta (4%)


Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.1018, 0.4201, 0.5014 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 86.1018, 0.4201, 0.5014 by changing the saturation by 10% instead.


 86.1018, 0.4201,
0.5014


 86.1018, 0.4201,
0.5014


515.2668, 0.3817,
0.4302

 64.7522, 0.4253,
0.5142


 141.9115, 0.4096,
0.4794


 47.2601, 0.4299,
0.5280


 177.1404, 0.4047,
0.4700

 33.2414, 0.4330,
0.5425


 217.7645, 0.4001,
0.4615


 22.3114, 0.4352,
0.5594

 264.1682, 0.3958,
0.4539

 14.0859, 0.4291,
0.5709

 316.7359, 0.3919,
0.4471

 8.1804, 0.4172,
0.5828

 375.8519, 0.3882,

 4.2106, 0.3991,

0.4409

0.6009

441.9008, 0.3848,
0.4353

■ 1.7921, 0.3689,
0.6311

■ 0.4822, 0.0000,
1.0000

■ 86.1018, 0.4201,
0.5014

■ 86.1018, 0.4201,
0.5014

■ 85.8980, 0.4216,
0.5034


■ 86.4396, 0.4163,
0.4957


■ 86.8866, 0.4099,
0.4857

■ 87.4640, 0.4008,
0.4714


■ 88.1862, 0.3893,
0.4531

 89.0657, 0.3760,
0.4316

 90.1136, 0.3614,
0.4080

 91.3401, 0.3461,
0.3832

 92.7544, 0.3307,
0.3582

 94.3653, 0.3156,
0.3337

Harmonies

Analogous

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



86.1018, 0.4919, 0.4351



86.1018, 0.4201, 0.5014



86.1018, 0.3270, 0.5240

Triad

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



86.1018, 0.4201, 0.5014



86.1018, 0.1438, 0.2415



86.1018, 0.3739, 0.2361

Complementary

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



86.1018, 0.4201, 0.5014



7.5997, 0.1533, 0.0658

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.



86.1018, 0.2685, 0.1954



86.1018, 0.4201, 0.5014



86.1018, 0.1519, 0.1921

Square

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



86.1018, 0.4201, 0.5014



86.1018, 0.1701, 0.3373



86.1018, 0.1924, 0.1794



86.1018, 0.4731, 0.2950

Rectangle

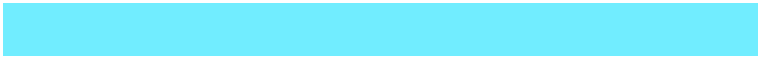
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.1018, 0.4201, 0.5014



86.1018, 0.2640, 0.4899



86.1018, 0.1924, 0.1794



86.1018, 0.3370, 0.2201

Sweetspot

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



86.1058, 0.4201, 0.5014



95.6381, 0.3554, 0.3984



20.7012, 0.6271, 0.3289



20.3565, 0.3620, 0.4090



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.



86.1058, 0.4201, 0.5014



90.7005, 0.4216, 0.5034



73.2128, 0.3420, 0.5624



20.1501, 0.3269, 0.3521



46.0111, 0.4216, 0.5035



4.2734, 0.4213, 0.5037

Inverse Universe

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



7.5997, 0.1533, 0.0658



7.2914, 0.1502, 0.0605



12.1405, 0.2061, 0.0939



16.6788, 0.2979, 0.3048



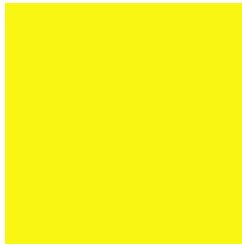
3.7139, 0.1502, 0.0608



0.3562, 0.1508, 0.0627

Previews

White Background



This preview shows how the Yxy color 86.1018, 0.4201, 0.5014 looks on a white background.

Color Contrast Check

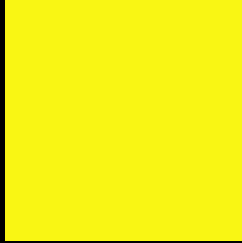
Large Text (above 18pt) WCAG AA × Fail

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 86.1018, 0.4201, 0.5014 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 86.1018, 0.4201, 0.5014

Background



This preview shows how black text looks on a background with the Yxy color 86.1018, 0.4201, 0.5014.



This preview shows how white text looks on a background with the Yxy color 86.1018, 0.4201, 0.5014.

Color Blindness Simulation

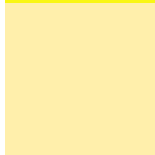
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



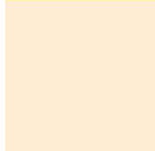
Original Color

86.1018, 0.4201, 0.5014



Protanopia

85.9333, 0.3673, 0.3973



Deuteranopia

86.0044, 0.3412, 0.3530



Tritanopia

86.0089, 0.3213, 0.3193

Trichromacy



Original Color

86.1018, 0.4201, 0.5014



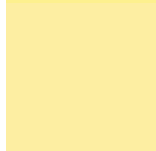
Protanomaly

85.6479, 0.3966, 0.4504



Deuteranomaly

85.1558, 0.3833, 0.4264



Tritanomaly

84.6404, 0.3719, 0.4056

Monochromacy



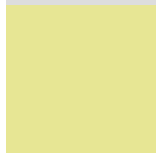
Original Color

86.1018, 0.4201, 0.5014



Achromatopsia

72.3055, 0.3127, 0.3290



Achromatomaly

75.7207, 0.3670, 0.4173

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.1018, 0.4201, 0.5014 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(249, 246, 20)` looks like.

```
.text, #text, p{  
    color:rgb(249, 246, 20)  
}
```

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(249, 246, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 246, 20) }
```

Border

The CSS property to change the border of an element to Yxy 86.1018, 0.4201, 0.5014 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(249, 246, 20) }
```

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

```
.border{ border-color:rgb(249, 246, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 246, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 246, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 246, 20);  
box-shadow:4px 4px 4px 4px rgb(249, 246,  
20) }
```


Background

The CSS property to change the background color of an element to Yxy 86.1018, 0.4201, 0.5014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 246, 20) }
```

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

```
.background{ background-color: rgb(249,  
246, 20) }
```

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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