

Converting Colors

Yxy(88.4196, 0.4219, 0.5032)

Have a look what the booklet for
Yxy(88.4196, 0.4219, 0.5032)
contains.

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Color

Yxy(88.4468, 0.4214, 0.5036)

Conversions

Conversions Part 1

Format	Color
Hex	FCF900
RGB	252, 249, 0
RGB Percent	99%, 98%, 0%
CMY	0.0119, 0.0235, 0.9997
CMYK	0.00, 0.01, 1.00, 0.01
HSL	59°, 100%, 49%
HSV	59°, 100%, 99%
XYZ	74.0101, 88.4468, 13.1722
YIQ	221.5110, 81.7170, -76.8030

Conversions

Conversions Part 2

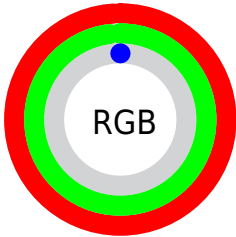
Format	Color
R _Y B	3, 252, 0
Decimal	16578816
CIE Lab	95.35, -19.96, 93.07
CIE LCh	95, 95.181, 102.102
Yxy	88.4468, 0.4214, 0.5036
Android (android.graphics.Color)	4294768896 (0xFFFCF900)
YUV	221.5110, -109.2049, 26.7389
Hunter-Lab	94.0462, -24.1093, 57.5281

Details

The Yxy color **88.4468, 0.4214, 0.5036** is a light color, and the websafe version is hex **FFFF00**. The color can be described as light saturated yellow. A complement of this color would be **7.0916, 0.1502, 0.0605**, and the grayscale version is **73.4306, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6062, 0.4005, 0.4742**, and **49.2163, 0.4175, 0.5067** is the 20% darker color. If you saturate the color by 10%, you get **88.4503, 0.4214, 0.5036**, and if you desaturate by 10%, it is **88.7042, 0.4194, 0.5008**.

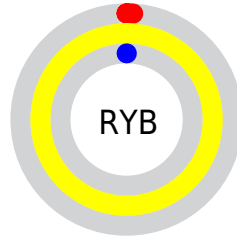
Distribution



Red (99%)

Green (98%)

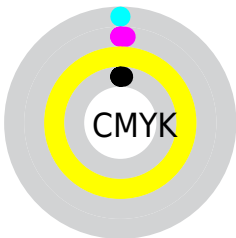
Blue (0%)



Red (1%)

Yellow (99%)

Blue (0%)

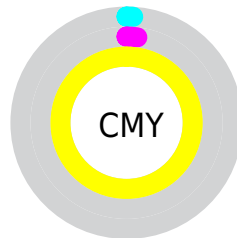


Cyan (0%)

Magenta (1%)

Yellow (100%)

Black (1%)



Cyan (1%)


Magenta (2%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.4468, 0.4214, 0.5036 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 88.4468, 0.4214, 0.5036 by changing the saturation by 10% instead.


 88.4468, 0.4214,
0.5036

 88.4468, 0.4214,
0.5036


522.9653, 0.3832,
0.4323

 66.6932, 0.4264,
0.5162


 145.1790, 0.4111,
0.4817


 48.8353, 0.4308,
0.5297


 180.9264, 0.4062,
0.4723

 34.4889, 0.4336,
0.5439


 222.1072, 0.4016,
0.4639

 23.2694, 0.4356,
0.5604

 269.1057, 0.3974,
0.4562

 14.7926, 0.4289,
0.5711

 322.3064, 0.3934,
0.4494

 8.6739, 0.4172,
0.5828

 382.0936, 0.3897,


 4.5291, 0.3996,


0.4431


0.6004

448.8518, 0.3863,
0.4374


 1.9737, 0.3705,
0.6295


 0.5921, 0.1133,
0.8867


 88.4468, 0.4214,
0.5036


 88.4468, 0.4214,
0.5036


 88.4503, 0.4214,
0.5036

 88.7042, 0.4194,
0.5008


 89.0494, 0.4151,
0.4943

 89.5148, 0.4082,
0.4834

 90.1174, 0.3986,
0.4682

 90.8715, 0.3868,
0.4492

 91.7897, 0.3732,
0.4273

 92.8832, 0.3584,
0.4033

 94.1622, 0.3430,
0.3784

 95.6363, 0.3276,
0.3534

Harmonies

Analogous

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



88.4468, 0.4945, 0.4356



88.4468, 0.4214, 0.5036



88.4468, 0.3270, 0.5278

Triad

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



88.4468, 0.4214, 0.5036



88.4468, 0.1416, 0.2401



88.4468, 0.3745, 0.2346

Complementary

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



88.4468, 0.4214, 0.5036



7.0916, 0.1502, 0.0605

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.



88.4468, 0.2674, 0.1935



88.4468, 0.4214, 0.5036



88.4468, 0.1497, 0.1902

Square

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



88.4468, 0.4214, 0.5036



88.4468, 0.1680, 0.3375



88.4468, 0.1905, 0.1774



88.4468, 0.4756, 0.2940

Rectangle

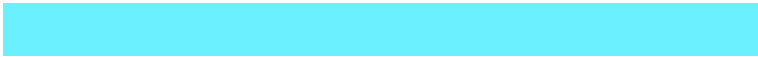
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.4468, 0.4214, 0.5036



88.4468, 0.2631, 0.4935



88.4468, 0.1905, 0.1774



88.4468, 0.3370, 0.2184

Sweetspot

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



88.4510, 0.4214, 0.5036



95.4459, 0.3584, 0.4034



20.6988, 0.6388, 0.3293



20.3231, 0.3648, 0.4137



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.



88.4510, 0.4214, 0.5036



90.8951, 0.4214, 0.5036



74.3584, 0.3376, 0.5701



20.1539, 0.3269, 0.3522



46.1080, 0.4214, 0.5036



4.2813, 0.4211, 0.5038

Inverse Universe

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



7.0916, 0.1502, 0.0605



7.2846, 0.1502, 0.0605



11.1516, 0.1973, 0.0861



16.6755, 0.2979, 0.3047



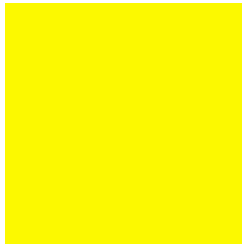
3.7089, 0.1502, 0.0607



0.3546, 0.1507, 0.0625

Previews

White Background



This preview shows how the Yxy color 88.4468, 0.4214, 0.5036 looks on a white background.

Color Contrast Check

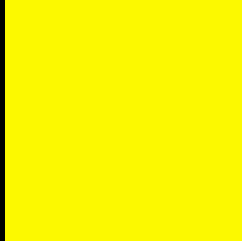
Large Text (above 18pt) WCAG AA × Fail

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 88.4468, 0.4214, 0.5036 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 88.4468, 0.4214, 0.5036

Background



This preview shows how black text looks on a background with the Yxy color 88.4468, 0.4214, 0.5036.

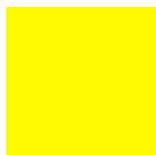


This preview shows how white text looks on a background with the Yxy color 88.4468, 0.4214, 0.5036.

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



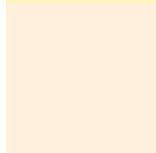
Original Color

88.4468, 0.4214, 0.5036



Protanopia

88.4384, 0.3550, 0.3820



Deuteranopia

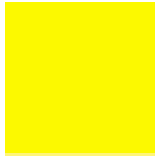
88.1603, 0.3355, 0.3479



Tritanopia

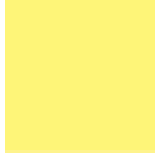
88.4209, 0.3197, 0.3212

Trichromacy



Original Color

88.4468, 0.4214, 0.5036



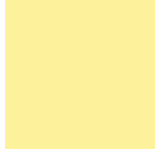
Protanomaly

87.7317, 0.3938, 0.4492



Deuteranomaly

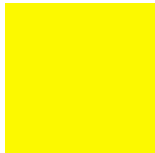
87.0655, 0.3840, 0.4305



Tritanomaly

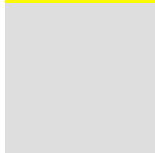
86.3817, 0.3753, 0.4139

Monochromacy



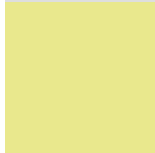
Original Color

88.4468, 0.4214, 0.5036



Achromatopsia

73.0461, 0.3127, 0.3290



Achromatomaly

76.9600, 0.3722, 0.4258

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.4468, 0.4214, 0.5036 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(252, 249, 0)` looks like.

```
.text, #text, p{  
    color:rgb(252, 249, 0)  
}
```

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(252, 249, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 249, 0) }
```

Border

The CSS property to change the border of an element to Yxy 88.4468, 0.4214, 0.5036 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(252, 249, 0) }
```

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

```
.border{ border-color:rgb(252, 249, 0) }
```

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

Here you see how a box with a 4 pixel rgb(252, 249, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 249, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 249, 0);  
box-shadow:4px 4px 4px 4px rgb(252, 249,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 88.4468, 0.4214, 0.5036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 249, 0) }
```

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

```
.background{ background-color: rgb(252,  
249, 0) }
```

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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