

Converting Colors

$Yxy(88.3053, 0.3979, 0.4557)$

Have a look what the booklet for
Yxy(88.3053, 0.3979, 0.4557)
contains.

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Color

Yxy(88.3414, 0.3980, 0.4559)

Conversions

Conversions Part 1

Format	Color
Hex	FFF670
RGB	255, 246, 112
RGB Percent	100%, 96%, 44%
CMY	0.0000, 0.0353, 0.5608
CMYK	0.00, 0.04, 0.56, 0.00
HSL	56°, 100%, 72%
HSV	56°, 56%, 100%
XYZ	77.1219, 88.3414, 28.3103
YIQ	233.4150, 48.3780, -39.7660

Conversions

Conversions Part 2

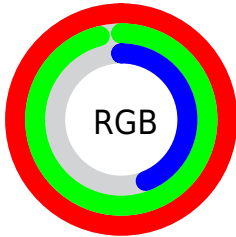
Format	Color
R _Y B	122, 255, 112
Decimal	16774768
CIE Lab	95.30, -13.41, 64.25
CIE LCh	95, 65.637, 101.785
Yxy	88.3414, 0.3980, 0.4559
Android (android.graphics.Color)	4294964848 (0xFFFFF670)
YUV	233.4150, -59.8576, 18.9300
Hunter-Lab	93.9901, -18.0177, 47.9346

Details

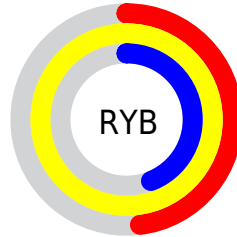
The Yxy color **88.3414, 0.3980, 0.4559** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **24.3334, 0.2056, 0.1585**, and the grayscale version is **82.2476, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.5700, 0.3649, 0.4153**, and **48.8482, 0.4119, 0.4803** is the 20% darker color. If you saturate the color by 10%, you get **86.8826, 0.4099, 0.4722**, and if you desaturate by 10%, it is **89.9745, 0.3842, 0.4362**.

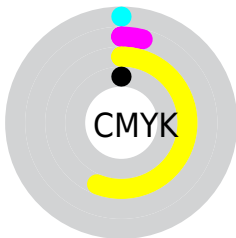
Distribution



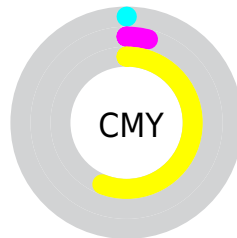
- Red (100%)
- Green (96%)
- Blue (44%)



- Red (48%)
- Yellow (100%)
- Blue (44%)



- Cyan (0%)
- Magenta (4%)
- Yellow (56%)
- Black (0%)





- Cyan (0%)
- Magenta (4%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.3414, 0.3980, 0.4559 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 88.3414, 0.3980, 0.4559 by changing the saturation by 10% instead.

 88.3414, 0.3980,
0.4559


 88.3414, 0.3980,
0.4559


522.6206, 0.3634,
0.4006

 66.6058, 0.4044,
0.4672


 145.0324, 0.3872,
0.4377

 48.7644, 0.4114,
0.4802


 180.7566, 0.3826,
0.4304

 34.4326, 0.4189,
0.4954


 221.9124, 0.3785,
0.4239

 23.2261, 0.4264,
0.5129

268.8844, 0.3749,
0.4181

 14.7606, 0.4328,
0.5323

322.0567, 0.3716,
0.4130

 8.6515, 0.4407,
0.5593


381.8140, 0.3686,


 4.5146, 0.4291,


0.4084


0.5709


448.5405, 0.3659,
0.4043


 1.9654, 0.4098,
0.5902


 0.5872, 0.2822,
0.7178


 88.3414, 0.3980,
0.4559


 88.3414, 0.3980,
0.4559


 86.8826, 0.4099,
0.4722


 89.9745, 0.3842,
0.4362


 85.5765, 0.4193,
0.4844


 91.7866, 0.3690,
0.4142


 84.4093, 0.4259,
0.4921

 93.7915, 0.3532,
0.3907

 83.3605, 0.4299,
0.4954

 95.9993, 0.3373,
0.3667

 82.9704, 0.4310,
0.4960

 98.4196, 0.3218,
0.3430

100.0000, 0.3127,
0.3290

Harmonies

Analogous

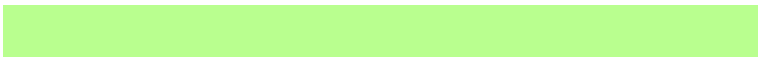
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.3414, 0.4467, 0.4145



88.3414, 0.3980, 0.4559



88.3414, 0.3298, 0.4622

Triad

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



88.3414, 0.3980, 0.4559



88.3414, 0.1858, 0.2700



88.3414, 0.3564, 0.2599

Complementary

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



88.3414, 0.3980, 0.4559



24.3334, 0.2056, 0.1585

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.



88.3414, 0.2815, 0.2279



88.3414, 0.3980, 0.4559



88.3414, 0.1910, 0.2290

Square

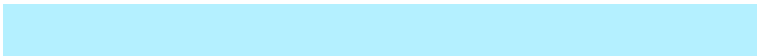
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.3414, 0.3980, 0.4559



88.3414, 0.2092, 0.3389



88.3414, 0.2234, 0.2164



88.3414, 0.4248, 0.3066

Rectangle

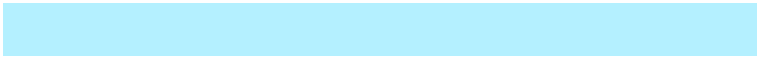
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.3414, 0.3980, 0.4559



88.3414, 0.2826, 0.4371



88.3414, 0.2234, 0.2164



88.3414, 0.3307, 0.2473

Sweetspot

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



88.3439, 0.3980, 0.4559



95.7885, 0.3388, 0.3689



34.2381, 0.4723, 0.3201



20.4050, 0.3420, 0.3737



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.



88.3439, 0.3980, 0.4559



86.7568, 0.4108, 0.4735



84.0304, 0.3506, 0.4856



20.8834, 0.3271, 0.3510



43.4377, 0.4308, 0.4962



4.2862, 0.4293, 0.4973

Inverse Universe

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



24.3334, 0.2056, 0.1585



17.2774, 0.1847, 0.1237



27.7987, 0.2474, 0.1666



17.5610, 0.2978, 0.3060



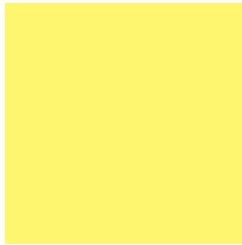
4.0363, 0.1511, 0.0638



0.4544, 0.1535, 0.0725

Previews

White Background



This preview shows how the Yxy color 88.3414, 0.3980, 0.4559 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 88.3414, 0.3980, 0.4559 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 88.3414, 0.3980, 0.4559

Background



This preview shows how black text looks on a background with the Yxy color 88.3414, 0.3980, 0.4559.

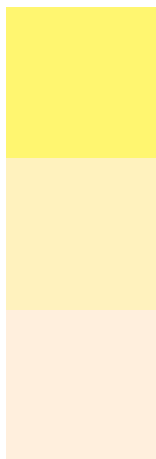


This preview shows how white text looks on a background with the Yxy color 88.3414, 0.3980, 0.4559.

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

88.3414, 0.3980, 0.4559

Protanopia

88.4820, 0.3543, 0.3810

Deuteranopia

88.2135, 0.3348, 0.3469



Tritanopia

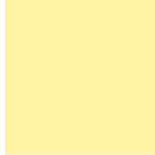
88.4209, 0.3197, 0.3212

Trichromacy



Original Color

88.3414, 0.3980, 0.4559



Protanomaly

87.9698, 0.3717, 0.4097



Deuteranomaly

88.1005, 0.3601, 0.3901



Tritanomaly

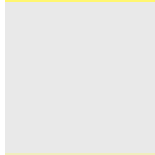
87.6114, 0.3503, 0.3721

Monochromacy



Original Color

88.3414, 0.3980, 0.4559



Achromatopsia

81.4847, 0.3127, 0.3290



Achromatomaly

83.5240, 0.3459, 0.3800

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.3414, 0.3980, 0.4559 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, 246, 112)` looks like.

```
.text, #text, p{  
    color:rgb(255, 246, 112)  
}
```

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, 246, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 246, 112) }
```

Border

The CSS property to change the border of an element to Yxy 88.3414, 0.3980, 0.4559 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, 246, 112) }
```

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

```
.border{ border-color:rgb(255, 246, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 246, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 246, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 246, 112);  
box-shadow:4px 4px 4px 4px rgb(255, 246,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 88.3414, 0.3980, 0.4559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 246, 112) }
```

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

```
.background{ background-color: rgb(255,  
246, 112) }
```

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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