

Converting Colors

$Yxy(89.3043, 0.3763, 0.4551)$

Have a look what the booklet for
Yxy(89.3043, 0.3763, 0.4551)
contains.

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Color

Yxy(89.3043, 0.3763, 0.4551)

Conversions

Conversions Part 1

Format	Color
Hex	EEFC7E
RGB	238, 252, 126
RGB Percent	93%, 99%, 49%
CMY	0.0666, 0.0118, 0.5059
CMYK	0.06, 0.00, 0.50, 0.01
HSL	67°, 95%, 74%
HSV	67°, 50%, 99%
XYZ	73.8414, 89.3043, 33.0844
YIQ	233.4500, 32.1020, -42.1540

Conversions

Conversions Part 2

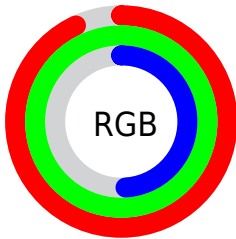
Format	Color
R _Y B	126, 252, 140
Decimal	15662206
CIE Lab	95.71, -21.85, 58.14
CIE LCh	96, 62.112, 110.598
Yxy	89.3043, 0.3763, 0.4551
Android (android.graphics.Color)	4293852286 (0xFFEEFC7E)
YUV	233.4500, -52.9728, 3.9904
Hunter-Lab	94.5010, -25.8999, 45.3935

Details

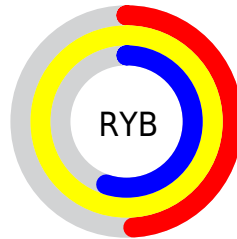
The Yxy color **89.3043, 0.3763, 0.4551** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **27.5251, 0.2256, 0.1732**, and the grayscale version is **82.2363, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.1162, 0.3567, 0.4018**, and **49.6510, 0.3857, 0.4820** is the 20% darker color. If you saturate the color by 10%, you get **88.2573, 0.3858, 0.4764**, and if you desaturate by 10%, it is **90.5307, 0.3650, 0.4312**.

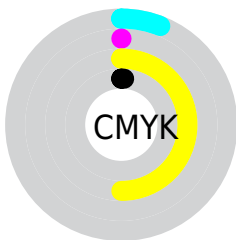
Distribution



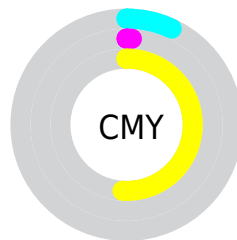
- Red (93%)
- Green (99%)
- Blue (49%)



- Red (49%)
- Yellow (99%)
- Blue (55%)



- Cyan (6%)
- Magenta (0%)
- Yellow (50%)
- Black (1%)




- Cyan (7%)
- Magenta (1%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.3043, 0.3763, 0.4551 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 89.3043, 0.3763, 0.4551 by changing the saturation by 10% instead.


 89.3043, 0.3763,
0.4551

 89.3043, 0.3763,
0.4551

525.7652, 0.3509,
0.3985


 67.4038, 0.3809,
0.4672


 146.3717, 0.3684,
0.4361

 49.4128, 0.3859,
0.4815


 182.3073, 0.3651,
0.4285

 34.9471, 0.3912,
0.4988


 223.6901, 0.3621,
0.4218

 23.6221, 0.3963,
0.5196

270.9044, 0.3594,
0.4160

 15.0535, 0.4002,
0.5445

324.3347, 0.3570,
0.4109

 8.8570, 0.4044,
0.5799


384.3653, 0.3547,


 4.6480, 0.3918,


0.4063

0.6082


451.3807, 0.3527,
0.4022

 2.0423, 0.3604,
0.6396


 0.6318, 0.0960,
0.9040


 89.3043, 0.3763,
0.4551


 89.3043, 0.3763,
0.4551


 88.2573, 0.3858,
0.4764


 90.5307, 0.3650,
0.4312


 87.3651, 0.3931,
0.4940

 91.9357, 0.3524,
0.4057

 86.6172, 0.3978,
0.5073

 93.5336, 0.3392,
0.3796

 85.9965, 0.3998,
0.5161


 95.3339, 0.3258,
0.3538

 85.4749, 0.3996,
0.5209

 97.3454, 0.3127,
0.3290

 85.4748, 0.3996,
0.5209

 98.0628, 0.3127,
0.3261

 98.1012, 0.3128,
0.3262

Harmonies

Analogous

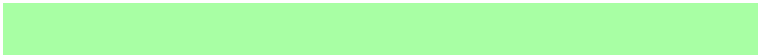
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.3043, 0.4293, 0.4243



89.3043, 0.3763, 0.4551



89.3043, 0.3095, 0.4462

Triad

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



89.3043, 0.3763, 0.4551



89.3043, 0.1907, 0.2592



89.3043, 0.3749, 0.2754

Complementary

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



89.3043, 0.3763, 0.4551



27.5251, 0.2256, 0.1732

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.



89.3043, 0.3033, 0.2399



89.3043, 0.3763, 0.4551



89.3043, 0.2033, 0.2280

Square

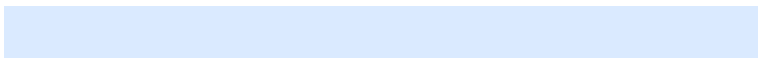
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



89.3043, 0.3763, 0.4551



89.3043, 0.2052, 0.3175



89.3043, 0.2419, 0.2228



89.3043, 0.4321, 0.3229

Rectangle

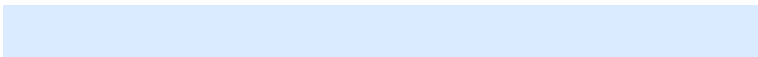
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89.3043, 0.3763, 0.4551



89.3043, 0.2662, 0.4134



89.3043, 0.2419, 0.2228



89.3043, 0.3512, 0.2619

Sweetspot

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



89.3084, 0.3763, 0.4551



96.9807, 0.3325, 0.3667



40.5527, 0.4483, 0.3425



20.6754, 0.3353, 0.3721



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

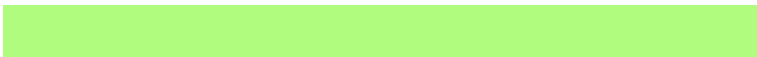
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.3084, 0.3763, 0.4551



90.6605, 0.3859, 0.4764



80.4048, 0.3342, 0.4751



20.0872, 0.3252, 0.3526



44.5650, 0.3999, 0.5207



4.1545, 0.4024, 0.5187

Inverse Universe

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



27.5251, 0.2256, 0.1732



20.6430, 0.2054, 0.1394



34.4521, 0.2740, 0.1915



16.7352, 0.2996, 0.3046



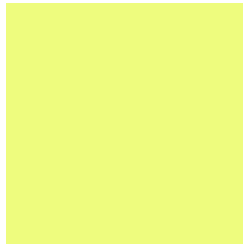
3.8199, 0.1539, 0.0621



0.3829, 0.1613, 0.0662

Previews

White Background



This preview shows how the Yxy color 89.3043, 0.3763, 0.4551 looks on a white background.

Color Contrast Check

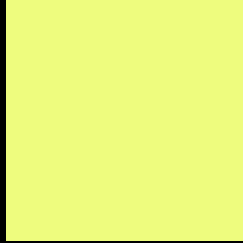
Large Text (above 18pt) WCAG AA × Fail

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 89.3043, 0.3763, 0.4551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

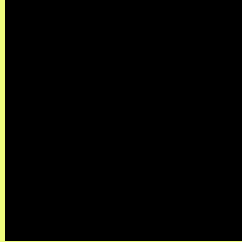
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 89.3043, 0.3763, 0.4551

Background



This preview shows how black text looks on a background with the Yxy color 89.3043, 0.3763, 0.4551.

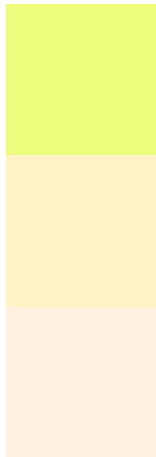


This preview shows how white text looks on a background with the Yxy color 89.3043, 0.3763, 0.4551.

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

89.3043, 0.3763, 0.4551

Protanopia

88.7498, 0.3505, 0.3750

Deuteranopia

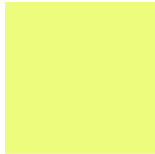
88.9620, 0.3328, 0.3448



Tritanopia

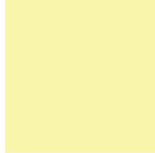
89.0645, 0.3115, 0.3126

Trichromacy



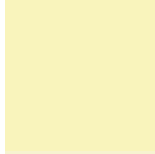
Original Color

89.3043, 0.3763, 0.4551



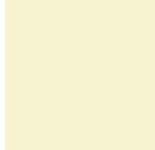
Protanomaly

88.9915, 0.3610, 0.4047



Deuteranomaly

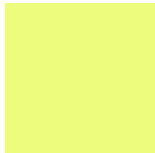
88.4719, 0.3509, 0.3857



Tritanomaly

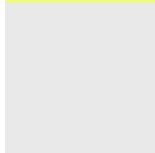
88.4294, 0.3371, 0.3644

Monochromacy



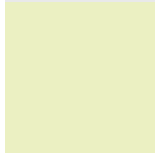
Original Color

89.3043, 0.3763, 0.4551



Achromatopsia

81.4847, 0.3127, 0.3290



Achromatomaly

83.8774, 0.3381, 0.3773

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.3043, 0.3763, 0.4551 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(238, 252, 126)` looks like.

```
.text, #text, p{  
    color:rgb(238, 252, 126)  
}
```

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(238, 252, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 252, 126) }
```

Border

The CSS property to change the border of an element to Yxy 89.3043, 0.3763, 0.4551 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(238, 252, 126) }
```

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

```
.border{ border-color:rgb(238, 252, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 252, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 252, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 252, 126);  
box-shadow:4px 4px 4px 4px rgb(238, 252,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 89.3043, 0.3763, 0.4551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 252, 126) }
```

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

```
.background{ background-color: rgb(238,  
252, 126) }
```

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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