

Converting Colors

Yxy(44.4246, 0.3591, 0.5057)

Have a look what the booklet for
Yxy(44.4246, 0.3591, 0.5057)
contains.

Yxy(44.4509, 0.3587, 0.5057)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(44.4509, 0.3587, 0.5057)

Conversions

Conversions Part 1

Format	Color
Hex	90C141
RGB	144, 193, 65
RGB Percent	56%, 76%, 25%
CMY	0.4352, 0.2431, 0.7451
CMYK	0.25, 0.00, 0.66, 0.24
HSL	83°, 51%, 51%
HSV	83°, 66%, 76%
XYZ	31.5296, 44.4509, 11.9192
YIQ	163.7570, 11.8840, -50.1960

Conversions

Conversions Part 2

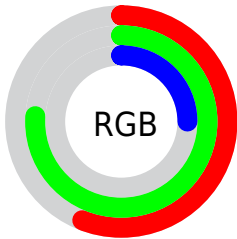
Format	Color
R _Y B	65, 193, 114
Decimal	9486657
CIE Lab	72.53, -35.47, 56.96
CIE LCh	73, 67.102, 121.908
Yxy	44.4509, 0.3587, 0.5057
Android (android.graphics.Color)	4287676737 (0xFF90C141)
YUV	163.7570, -48.6872, -17.3269
Hunter-Lab	66.6715, -32.2607, 36.0705

Details

The Yxy color **44.4509, 0.3587, 0.5057** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **11.2069, 0.2270, 0.1378**, and the grayscale version is **37.2382, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.1206, 0.3545, 0.4726**, and **20.5891, 0.3588, 0.5533** is the 20% darker color. If you saturate the color by 10%, you get **43.6226, 0.3599, 0.5266**, and if you desaturate by 10%, it is **45.4030, 0.3552, 0.4811**.

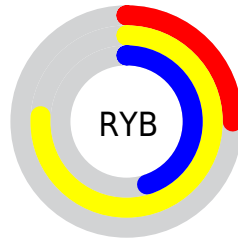
Distribution



Red (56%)

Green (76%)

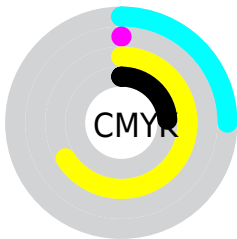
Blue (25%)



Red (25%)

Yellow (76%)

Blue (45%)

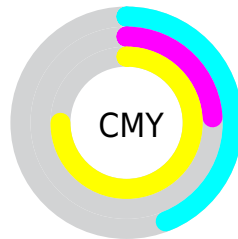


Cyan (25%)

Magenta (0%)

Yellow (66%)

Black (24%)



Cyan (44%)


Magenta (24%)

Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.4509, 0.3587, 0.5057 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 44.4509, 0.3587, 0.5057 by changing the saturation by 10% instead.


 44.4509, 0.3587,
0.5057


 44.4509, 0.3587,
0.5057


364.5451, 0.3417,
0.4142

 31.0251, 0.3601,
0.5281


 81.8958, 0.3544,
0.4724


 20.6180, 0.3600,
0.5559


 106.6838, 0.3522,
0.4599

 12.8451, 0.3563,
0.5906


 136.0279, 0.3501,
0.4493

 7.3219, 0.3525,
0.6475

 170.3126, 0.3482,
0.4402

 3.6642, 0.3161,
0.6839

 209.9223, 0.3463,
0.4323

 1.4876, 0.2332,
0.7668

255.2413, 0.3447,

 0.2800, 0.0000,

0.4255

1.0000

306.6541, 0.3431,
0.4195

■ 0.0000, 0.0000,
0.0000

■ 44.4509, 0.3587,
0.5057

■ 44.4509, 0.3587,
0.5057

■ 43.6226, 0.3599,
0.5266

■ 45.4030, 0.3552,
0.4811

■ 42.9033, 0.3587,
0.5428

■ 46.4809, 0.3498,
0.4541

■ 42.2835, 0.3552,
0.5539

■ 47.6934, 0.3429,
0.4259

■ 42.0724, 0.3537,
0.5574

■ 49.0471, 0.3351,
0.3977

■ 50.5478, 0.3267,
0.3703

■ 52.2010, 0.3181,
0.3444

■ 54.0119, 0.3096,
0.3204

■ 55.9855, 0.3014,
0.2983

■ 58.1265, 0.2936,
0.2783

Harmonies

Analogous

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



44.4509, 0.4393, 0.4704



44.4509, 0.3587, 0.5057



44.4509, 0.2709, 0.4726

Triad

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



44.4509, 0.3587, 0.5057



44.4509, 0.1579, 0.2153



44.4509, 0.4307, 0.2788

Complementary

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



44.4509, 0.3587, 0.5057



11.2069, 0.2270, 0.1378

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.



44.4509, 0.3345, 0.2283



44.4509, 0.3587, 0.5057



44.4509, 0.1855, 0.1918

Square

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



44.4509, 0.3587, 0.5057



44.4509, 0.1615, 0.2760



44.4509, 0.2452, 0.1976



44.4509, 0.4915, 0.3407

Rectangle

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



44.4509, 0.3587, 0.5057



44.4509, 0.2200, 0.4108



44.4509, 0.2452, 0.1976



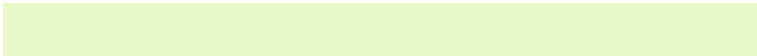
44.4509, 0.4004, 0.2603

Sweetspot

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



44.4529, 0.3587, 0.5057



89.4275, 0.3301, 0.3811



23.2931, 0.4788, 0.3882



19.0225, 0.3325, 0.3889



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



44.4529, 0.3587, 0.5057



77.4707, 0.3596, 0.5352



40.3179, 0.3119, 0.5349



11.5597, 0.3207, 0.3522



28.0308, 0.3545, 0.5567



1.2497, 0.3691, 0.5451

Inverse Universe

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



11.2069, 0.2270, 0.1378



13.6465, 0.2045, 0.1032



16.8535, 0.2988, 0.1713



9.9316, 0.3042, 0.3056



3.5677, 0.1827, 0.0780



0.1938, 0.2090, 0.0925

Previews

White Background



This preview shows how the Yxy color 44.4509, 0.3587, 0.5057 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 44.4509, 0.3587, 0.5057 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 44.4509, 0.3587, 0.5057

Background



This preview shows how black text looks on a background with the Yxy color 44.4509, 0.3587, 0.5057.



This preview shows how white text looks on a background with the Yxy color 44.4509, 0.3587, 0.5057.

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

44.4509, 0.3587, 0.5057

Protanopia

44.1835, 0.4213, 0.4648

Deuteranopia

44.0726, 0.4428, 0.4345



Tritanopia

44.0562, 0.2850, 0.3087

Trichromacy



Original Color

44.4509, 0.3587, 0.5057

Protanomaly

43.6798, 0.3977, 0.4804

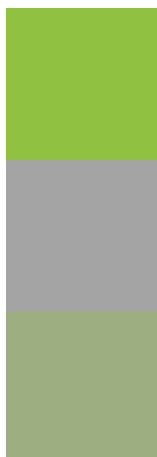
Deuteranomaly

43.4895, 0.4106, 0.4607

Tritanomaly

43.7061, 0.3152, 0.3824

Monochromacy



Original Color

44.4509, 0.3587, 0.5057

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

39.3866, 0.3353, 0.3987

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.4509, 0.3587, 0.5057 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(144, 193, 65)` looks like.

```
.text, #text, p{  
    color:rgb(144, 193, 65)  
}
```

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(144, 193, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 193, 65) }
```

Border

The CSS property to change the border of an element to Yxy 44.4509, 0.3587, 0.5057 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(144, 193, 65) }
```

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

```
.border{ border-color:rgb(144, 193, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 193, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 193, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 193, 65);  
box-shadow:4px 4px 4px 4px rgb(144, 193,  
65) }
```


Background

The CSS property to change the background color of an element to Yxy 44.4509, 0.3587, 0.5057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 193, 65) }
```

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

```
.background{ background-color: rgb(144,  
193, 65) }
```

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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