

Converting Colors

$Yxy(44.1693, 0.3574, 0.4865)$

Have a look what the booklet for
Yxy(44.1693, 0.3574, 0.4865)
contains.

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Color

Yxy(44.2157, 0.3569, 0.4866)

Conversions

Conversions Part 1

Format	Color
Hex	95BF4F
RGB	149, 191, 79
RGB Percent	58%, 75%, 31%
CMY	0.4159, 0.2509, 0.6902
CMYK	0.22, 0.00, 0.59, 0.25
HSL	83°, 47%, 53%
HSV	83°, 59%, 75%
XYZ	32.4303, 44.2157, 14.2206
YIQ	165.6740, 10.9200, -43.7360

Conversions

Conversions Part 2

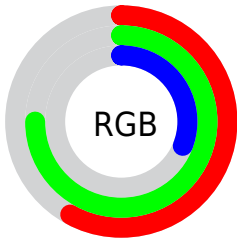
Format	Color
RYB	79, 191, 121
Decimal	9813839
CIELab	72.37, -31.53, 50.89
CIELCh	72, 59.868, 121.778
Yxy	44.2157, 0.3569, 0.4866
Android (android.graphics.Color)	4288003919 (0xFF95BF4F)
YUV	165.6740, -42.7303, -14.6231
Hunter-Lab	66.4949, -29.3096, 33.8666

Details

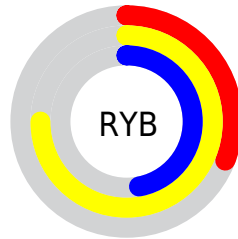
The Yxy color **44.2157, 0.3569, 0.4866** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **13.4221, 0.2382, 0.1591**, and the grayscale version is **38.1705, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.7799, 0.3515, 0.4569**, and **20.3902, 0.3612, 0.5325** is the 20% darker color. If you saturate the color by 10%, you get **43.3246, 0.3600, 0.5103**, and if you desaturate by 10%, it is **45.2321, 0.3518, 0.4602**.

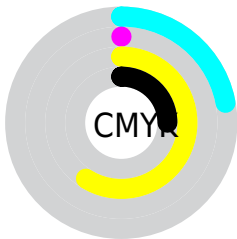
Distribution



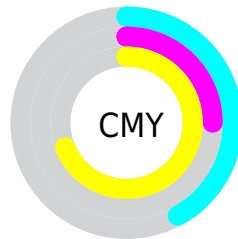
- Red (58%)
- Green (75%)
- Blue (31%)



- Red (31%)
- Yellow (75%)
- Blue (47%)



- Cyan (22%)
- Magenta (0%)
- Yellow (59%)
- Black (25%)





- Cyan (42%)
- Magenta (25%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.2157, 0.3569, 0.4866 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 44.2157, 0.3569, 0.4866 by changing the saturation by 10% instead.

 44.2157, 0.3569,
0.4866


 44.2157, 0.3569,
0.4866

363.5878, 0.3392,
0.4047


 30.8401, 0.3592,
0.5071


 81.5422, 0.3519,
0.4566

 20.4771, 0.3607,
0.5328


 106.2620, 0.3496,
0.4453

 12.7423, 0.3599,
0.5657


 135.5319, 0.3474,
0.4359

 7.2514, 0.3569,
0.6140

 169.7363, 0.3455,
0.4278

 3.6198, 0.3351,
0.6649

 209.2598, 0.3437,
0.4208

 1.4632, 0.2667,
0.7333

254.4865, 0.3421,

 0.2626, 0.0000,

0.4147

1.0000

305.8011, 0.3406,
0.4094

0.0000, 0.0000,
0.0000

44.2157, 0.3569,
0.4866

44.2157, 0.3569,
0.4866

43.3246, 0.3600,
0.5103

45.2321, 0.3518,
0.4602

42.5453, 0.3608,
0.5300

46.3750, 0.3451,
0.4322

41.8705, 0.3591,
0.5449

47.6525, 0.3373,
0.4041

41.2858, 0.3554,
0.5552

49.0706, 0.3289,
0.3765

41.2108, 0.3549,
0.5564

50.6346, 0.3202,
0.3503

■ 52.3497, 0.3116,
0.3258

■ 54.2206, 0.3032,
0.3033

■ 56.2520, 0.2952,
0.2828

■ 58.4482, 0.2876,
0.2643

Harmonies

Analogous

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



44.2157, 0.4296, 0.4586



44.2157, 0.3569, 0.4866



44.2157, 0.2768, 0.4555

Triad

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



44.2157, 0.3569, 0.4866



44.2157, 0.1709, 0.2267



44.2157, 0.4181, 0.2839

Complementary

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



44.2157, 0.3569, 0.4866



13.4221, 0.2382, 0.1591

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.



44.2157, 0.3325, 0.2371



44.2157, 0.3569, 0.4866



44.2157, 0.1966, 0.2038

Square

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



44.2157, 0.3569, 0.4866



44.2157, 0.1750, 0.2831



44.2157, 0.2518, 0.2087



44.2157, 0.4729, 0.3416

Rectangle

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



44.2157, 0.3569, 0.4866



44.2157, 0.2301, 0.4020



44.2157, 0.2518, 0.2087



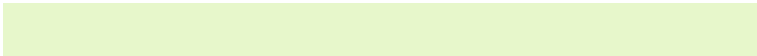
44.2157, 0.3911, 0.2667

Sweetspot

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



44.2177, 0.3569, 0.4866



87.9674, 0.3286, 0.3755



25.0920, 0.4530, 0.3837



19.1460, 0.3311, 0.3835



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.



44.2177, 0.3569, 0.4866



77.2198, 0.3604, 0.5156



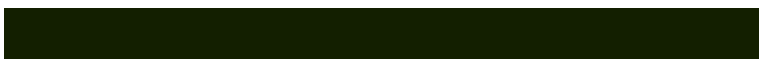
40.2082, 0.3132, 0.5108



10.9367, 0.3208, 0.3521



27.1259, 0.3557, 0.5558



1.0988, 0.3712, 0.5435

Inverse Universe

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



13.4221, 0.2382, 0.1591



17.1693, 0.2186, 0.1252



18.5926, 0.3012, 0.1859



9.3952, 0.3041, 0.3057



3.4129, 0.1817, 0.0775



0.1714, 0.2102, 0.0932

Previews

White Background



This preview shows how the Yxy color 44.2157, 0.3569, 0.4866 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 44.2157, 0.3569, 0.4866 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

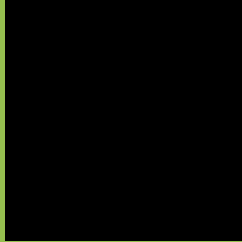
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.2157, 0.3569, 0.4866

Background



This preview shows how black text looks on a background with the Yxy color 44.2157, 0.3569, 0.4866.



This preview shows how white text looks on a background with the Yxy color 44.2157, 0.3569, 0.4866.

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

44.2157, 0.3569, 0.4866

Protanopia

43.8226, 0.4132, 0.4525

Deuteranopia

43.5666, 0.4335, 0.4239



Tritanopia

43.9830, 0.2895, 0.3101

Trichromacy



Original Color

44.2157, 0.3569, 0.4866

Protanomaly

43.6810, 0.3926, 0.4654

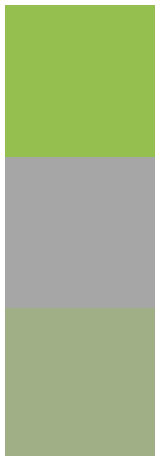
Deuteranomaly

43.0127, 0.4049, 0.4456

Tritanomaly

43.5049, 0.3166, 0.3732

Monochromacy



Original Color

44.2157, 0.3569, 0.4866

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

39.8548, 0.3332, 0.3891

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.2157, 0.3569, 0.4866 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(149, 191, 79)` looks like.

```
.text, #text, p{  
    color:rgb(149, 191, 79)  
}
```

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(149, 191, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 191, 79) }
```

Border

The CSS property to change the border of an element to Yxy 44.2157, 0.3569, 0.4866 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(149, 191, 79) }
```

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

```
.border{ border-color:rgb(149, 191, 79) }
```

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

Here you see how a box with a 4 pixel rgb(149, 191, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 191, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 191, 79);  
box-shadow:4px 4px 4px 4px rgb(149, 191,  
79) }
```


Background

The CSS property to change the background color of an element to Yxy 44.2157, 0.3569, 0.4866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 191, 79) }
```

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

```
.background{ background-color: rgb(149,  
191, 79) }
```

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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