

Converting Colors

$Yxy(44.0354, 0.3425, 0.4677)$

Have a look what the booklet for
Yxy(44.0354, 0.3425, 0.4677)
contains.

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Color

Yxy(44.0354, 0.3425, 0.4677)

Conversions

Conversions Part 1

Format	Color
Hex	90BF60
RGB	144, 191, 96
RGB Percent	56%, 75%, 38%
CMY	0.4352, 0.2510, 0.6235
CMYK	0.25, 0.00, 0.50, 0.25
HSL	90°, 43%, 56%
HSV	90°, 50%, 75%
XYZ	32.2474, 44.0354, 17.8703
YIQ	166.1170, 2.4830, -39.5090

Conversions

Conversions Part 2

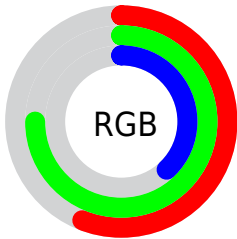
Format	Color
R_{YB}	96, 191, 143
Decimal	9486176
CIE _{Lab}	72.25, -31.67, 42.66
CIE _{LCh}	72, 53.127, 126.589
Yxy	44.0354, 0.3425, 0.4677
Android (android.graphics.Color)	4287676256 (0xFF90BF60)
YUV	166.1170, -34.5677, -19.3966
Hunter-Lab	66.3592, -29.3860, 30.4849

Details

The Yxy color **44.0354, 0.3425, 0.4677** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **17.9697, 0.2641, 0.1905**, and the grayscale version is **38.3661, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.5841, 0.3390, 0.4404**, and **20.3127, 0.3452, 0.5098** is the 20% darker color. If you saturate the color by 10%, you get **42.9116, 0.3455, 0.4960**, and if you desaturate by 10%, it is **45.3197, 0.3380, 0.4381**.

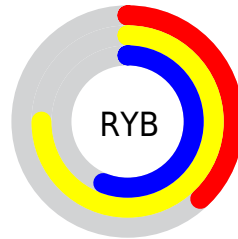
Distribution



Red (56%)

Green (75%)

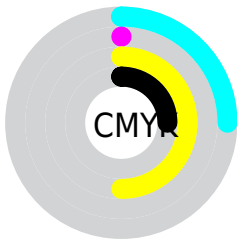
Blue (38%)



Red (38%)

Yellow (75%)

Blue (56%)

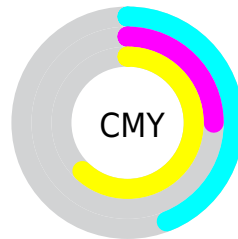


Cyan (25%)

Magenta (0%)

Yellow (50%)

Black (25%)



Cyan (44%)


Magenta (25%)

Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.0354, 0.3425, 0.4677 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 44.0354, 0.3425, 0.4677 by changing the saturation by 10% instead.


 44.0354, 0.3425,
0.4677

 44.0354, 0.3425,
0.4677

362.8527, 0.3307,
0.3948


 30.6983, 0.3440,
0.4866


 81.2710, 0.3392,
0.4406

 20.3693, 0.3450,
0.5109


 105.9383, 0.3376,
0.4306

 12.6637, 0.3444,
0.5430


 135.1512, 0.3362,
0.4222

 7.1974, 0.3397,
0.5866

 169.2941, 0.3349,
0.4150

 3.5859, 0.3339,
0.6661

208.7512, 0.3337,
0.4089

 1.4447, 0.2632,
0.7368

253.9071, 0.3326,

 0.2493, 0.0000,

0.4036

1.0000

305.1462, 0.3316,
0.3989

0.0000, 0.0000,
0.0000

44.0354, 0.3425,
0.4677

44.0354, 0.3425,
0.4677

42.9116, 0.3455,
0.4960

45.3197, 0.3380,
0.4381

41.9345, 0.3466,
0.5215

46.7660, 0.3323,
0.4086

41.0971, 0.3455,
0.5429

48.3832, 0.3260,
0.3800

40.3890, 0.3422,
0.5590

50.1775, 0.3193,
0.3532


39.7922, 0.3373,
0.5702

52.1549, 0.3125,
0.3284

 39.7770, 0.3372,
0.5705

 54.3212, 0.3059,
0.3057

 56.6816, 0.2995,
0.2854

 59.2415, 0.2935,
0.2671

 61.1456, 0.2963,
0.2625

Harmonies

Analogous

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



44.0354, 0.4099, 0.4527



44.0354, 0.3425, 0.4677



44.0354, 0.2708, 0.4300

Triad

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



44.0354, 0.3425, 0.4677



44.0354, 0.1859, 0.2322



44.0354, 0.4169, 0.2970

Complementary

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



44.0354, 0.3425, 0.4677



17.9697, 0.2641, 0.1905

Split Complementary

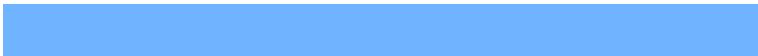
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



44.0354, 0.3436, 0.2517



44.0354, 0.3425, 0.4677



44.0354, 0.2141, 0.2147

Square

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



44.0354, 0.3425, 0.4677



44.0354, 0.1856, 0.2789



44.0354, 0.2689, 0.2225



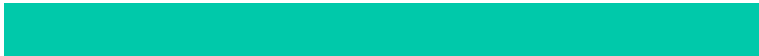
44.0354, 0.4591, 0.3511

Rectangle

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



44.0354, 0.3425, 0.4677



44.0354, 0.2305, 0.3805



44.0354, 0.2689, 0.2225



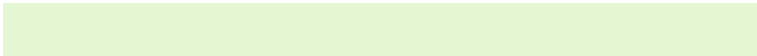
44.0354, 0.3945, 0.2806

Sweetspot

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



44.0373, 0.3425, 0.4677



88.0593, 0.3230, 0.3677



31.2449, 0.4165, 0.3913



19.1888, 0.3244, 0.3735



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.



44.0373, 0.3425, 0.4677



76.6285, 0.3457, 0.4993



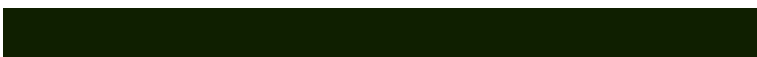
40.6804, 0.3064, 0.4844



10.8802, 0.3190, 0.3522



26.1893, 0.3381, 0.5697



1.0647, 0.3567, 0.5550

Inverse Universe

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



17.9697, 0.2641, 0.1905



24.4584, 0.2496, 0.1590



23.0027, 0.3165, 0.2099



9.4508, 0.3059, 0.3058



4.0999, 0.2024, 0.0889



0.1995, 0.2292, 0.1037

Previews

White Background



This preview shows how the Yxy color 44.0354, 0.3425, 0.4677 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 44.0354, 0.3425, 0.4677 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 44.0354, 0.3425, 0.4677

Background



This preview shows how black text looks on a background with the Yxy color 44.0354, 0.3425, 0.4677.



This preview shows how white text looks on a background with the Yxy color 44.0354, 0.3425, 0.4677.

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

44.0354, 0.3425, 0.4677

Protanopia

43.8017, 0.4005, 0.4373

Deuteranopia

43.4116, 0.4174, 0.4078



Tritanopia

43.8067, 0.2841, 0.3099

Trichromacy



Original Color

44.0354, 0.3425, 0.4677

Protanomaly

43.4763, 0.3778, 0.4487

Deuteranomaly

42.7896, 0.3886, 0.4284

Tritanomaly

43.5219, 0.3068, 0.3664

Monochromacy



Original Color

44.0354, 0.3425, 0.4677

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

39.8521, 0.3255, 0.3789

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.0354, 0.3425, 0.4677 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, 191, 96)` looks like.

```
.text, #text, p{  
    color:rgb(144, 191, 96)  
}
```

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, 191, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 191, 96) }
```

Border

The CSS property to change the border of an element to Yxy 44.0354, 0.3425, 0.4677 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, 191, 96) }
```

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

```
.border{ border-color:rgb(144, 191, 96) }
```

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

Here you see how a box with a 4 pixel rgb(144, 191, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 191, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 191, 96);  
box-shadow:4px 4px 4px 4px rgb(144, 191,  
96) }
```


Background

The CSS property to change the background color of an element to Yxy 44.0354, 0.3425, 0.4677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 191, 96) }
```

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

```
.background{ background-color: rgb(144,  
191, 96) }
```

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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