

Converting Colors

$Yxy(44.4357, 0.3282, 0.4575)$

Have a look what the booklet for
Yxy(44.4357, 0.3282, 0.4575)
contains.

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Color

Yxy(44.4357, 0.3282, 0.4575)

Conversions

Conversions Part 1

Format	Color
Hex	88C16B
RGB	136, 193, 107
RGB Percent	53%, 76%, 42%
CMY	0.4667, 0.2431, 0.5803
CMYK	0.30, 0.00, 0.45, 0.24
HSL	100°, 41%, 59%
HSV	100°, 45%, 76%
XYZ	31.8772, 44.4357, 20.8144
YIQ	166.1530, -6.3660, -38.8300

Conversions

Conversions Part 2

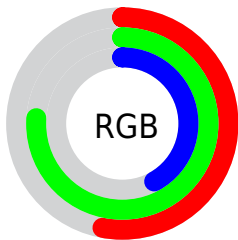
Format	Color
RYB	107, 193, 164
Decimal	8962411
CIELab	72.52, -34.16, 37.41
CIELCh	73, 50.655, 132.400
Yxy	44.4357, 0.3282, 0.4575
Android (android.graphics.Color)	4287152491 (0xFF88C16B)
YUV	166.1530, -29.1624, -26.4442
Hunter-Lab	66.6601, -31.2957, 28.1490

Details

The Yxy color **44.4357, 0.3282, 0.4575** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **22.2693, 0.2859, 0.2108**, and the grayscale version is **38.3583, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.9856, 0.3267, 0.4319**, and **20.5996, 0.3280, 0.4991** is the 20% darker color. If you saturate the color by 10%, you get **43.0672, 0.3296, 0.4892**, and if you desaturate by 10%, it is **46.0267, 0.3257, 0.4257**.

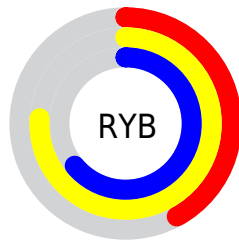
Distribution



Red (53%)

Green (76%)

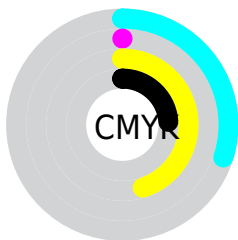
Blue (42%)



Red (42%)

Yellow (76%)

Blue (64%)

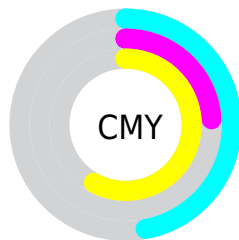


Cyan (30%)

Magenta (0%)

Yellow (45%)

Black (24%)



Cyan (47%)


Magenta (24%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.4357, 0.3282, 0.4575 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 44.4357, 0.3282, 0.4575 by changing the saturation by 10% instead.


 44.4357, 0.3282,
0.4575


 44.4357, 0.3282,
0.4575


364.4833, 0.3230,
0.3895


 31.0132, 0.3284,
0.4754


 81.8730, 0.3271,
0.4320

 20.6089, 0.3279,
0.4988


 106.6565, 0.3264,
0.4227

 12.8384, 0.3258,
0.5303


 135.9958, 0.3258,
0.4148

 7.3174, 0.3198,
0.5745

 170.2754, 0.3251,
0.4082

 3.6614, 0.3168,
0.6652

209.8795, 0.3246,
0.4025

 1.4860, 0.2455,
0.7545

255.1926, 0.3240,

 0.2788, 0.0000,

0.3976

1.0000

306.5991, 0.3235,
0.3933

0.0000, 0.0000,
0.0000

44.4357, 0.3282,
0.4575

44.4357, 0.3282,
0.4575

43.0672, 0.3296,
0.4892

46.0267, 0.3257,
0.4257

41.9048, 0.3296,
0.5190

47.8442, 0.3224,
0.3950

40.9389, 0.3279,
0.5452


49.8994, 0.3186,
0.3664

40.1565, 0.3246,
0.5661

52.2008, 0.3146,
0.3401


39.5426, 0.3200,
0.5804


54.7566, 0.3105,
0.3164

 39.2663, 0.3173,
0.5863

 57.5747, 0.3064,
0.2953

 60.6624, 0.3025,
0.2766

 63.6055, 0.3032,
0.2659

 65.9051, 0.3127,
0.2677

Harmonies

Analogous

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



44.4357, 0.3948, 0.4530



44.4357, 0.3282, 0.4575



44.4357, 0.2611, 0.4122

Triad

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



44.4357, 0.3282, 0.4575



44.4357, 0.1944, 0.2313



44.4357, 0.4226, 0.3084

Complementary

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



44.4357, 0.3282, 0.4575



22.2693, 0.2859, 0.2108

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.



44.4357, 0.3567, 0.2625



44.4357, 0.3282, 0.4575



44.4357, 0.2267, 0.2192

Square

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



44.4357, 0.3282, 0.4575



44.4357, 0.1888, 0.2708



44.4357, 0.2838, 0.2309



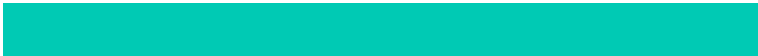
44.4357, 0.4547, 0.3613

Rectangle

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



44.4357, 0.3282, 0.4575



44.4357, 0.2251, 0.3630



44.4357, 0.2838, 0.2309



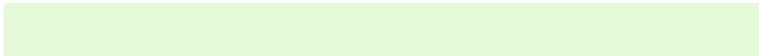
44.4357, 0.4032, 0.2920

Sweetspot

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



44.4376, 0.3282, 0.4575



89.8927, 0.3181, 0.3627



38.5639, 0.3944, 0.4031



19.0982, 0.3190, 0.3688



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.



44.4376, 0.3282, 0.4575



77.2926, 0.3295, 0.4869



42.6239, 0.2983, 0.4458



11.4200, 0.3166, 0.3524



26.1550, 0.3182, 0.5856



1.1683, 0.3364, 0.5711

Inverse Universe

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



22.2693, 0.2859, 0.2108



32.7439, 0.2783, 0.1863



25.1594, 0.3322, 0.2354



10.0721, 0.3085, 0.3059



5.6579, 0.2384, 0.1087



0.2810, 0.2572, 0.1191

Previews

White Background



This preview shows how the Yxy color 44.4357, 0.3282, 0.4575 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 44.4357, 0.3282, 0.4575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

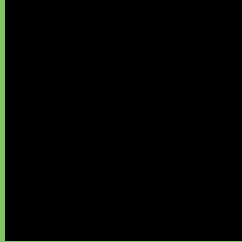
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.4357, 0.3282, 0.4575

Background



This preview shows how black text looks on a background with the Yxy color 44.4357, 0.3282, 0.4575.



This preview shows how white text looks on a background with the Yxy color 44.4357, 0.3282, 0.4575.

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

44.4357, 0.3282, 0.4575

Protanopia

43.8532, 0.3921, 0.4265

Deuteranopia

43.8643, 0.4064, 0.3970



Tritanopia

44.3822, 0.2763, 0.3098

Trichromacy



Original Color

44.4357, 0.3282, 0.4575

Protanomaly

43.7305, 0.3673, 0.4387

Deuteranomaly

43.4276, 0.3760, 0.4183

Tritanomaly

44.2407, 0.2959, 0.3622

Monochromacy



Original Color

44.4357, 0.3282, 0.4575

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

40.0636, 0.3194, 0.3746

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.4357, 0.3282, 0.4575 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(136, 193, 107)` looks like.

```
.text, #text, p{  
    color:rgb(136, 193, 107)  
}
```

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(136, 193, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 193, 107) }
```

Border

The CSS property to change the border of an element to Yxy 44.4357, 0.3282, 0.4575 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(136, 193, 107) }
```

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

```
.border{ border-color:rgb(136, 193, 107) }
```

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

Here you see how a box with a 4 pixel rgb(136, 193, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 193, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 193, 107);  
box-shadow:4px 4px 4px 4px rgb(136, 193,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 44.4357, 0.3282, 0.4575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 193, 107) }
```

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

```
.background{ background-color: rgb(136,  
193, 107) }
```

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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