

Converting Colors

$Yxy(44.0840, 0.3280, 0.4523)$

Have a look what the booklet for
Yxy(44.0840, 0.3280, 0.4523)
contains.

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Color

Yxy(44.1218, 0.3280, 0.4532)

Conversions

Conversions Part 1

Format	Color
Hex	89C06D
RGB	137, 192, 109
RGB Percent	54%, 75%, 43%
CMY	0.4625, 0.2471, 0.5725
CMYK	0.29, 0.00, 0.43, 0.25
HSL	100°, 40%, 59%
HSV	100°, 43%, 75%
XYZ	31.9328, 44.1218, 21.3015
YIQ	166.0930, -6.1370, -37.4730

Conversions

Conversions Part 2

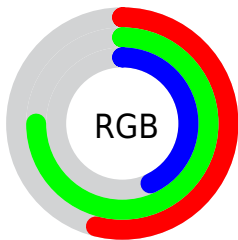
Format	Color
RYB	109, 192, 164
Decimal	9027693
CIELab	72.31, -33.05, 36.15
CIELCh	72, 48.987, 132.435
Yxy	44.1218, 0.3280, 0.4532
Android (android.graphics.Color)	4287217773 (0xFF89C06D)
YUV	166.0930, -28.1468, -25.5146
Hunter-Lab	66.4242, -30.4303, 27.4833

Details

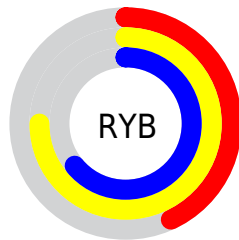
The Yxy color **44.1218, 0.3280, 0.4532** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **22.6301, 0.2869, 0.2144**, and the grayscale version is **38.3274, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.5665, 0.3264, 0.4285**, and **20.3775, 0.3279, 0.4938** is the 20% darker color. If you saturate the color by 10%, you get **42.7422, 0.3296, 0.4849**, and if you desaturate by 10%, it is **45.7221, 0.3254, 0.4215**.

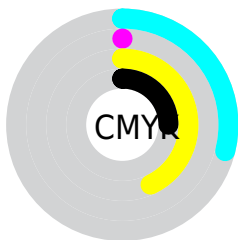
Distribution



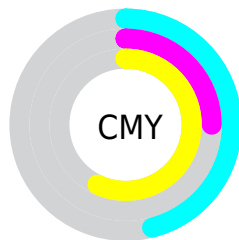
- Red (54%)
- Green (75%)
- Blue (43%)



- Red (43%)
- Yellow (75%)
- Blue (64%)



- Cyan (29%)
- Magenta (0%)
- Yellow (43%)
- Black (25%)





- Cyan (46%)
- Magenta (25%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.1218, 0.3280, 0.4532 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 44.1218, 0.3280, 0.4532 by changing the saturation by 10% instead.


 44.1218, 0.3280,
0.4532


 44.1218, 0.3280,
0.4532


363.2051, 0.3227,
0.3874

 30.7663, 0.3283,
0.4706


 81.4010, 0.3268,
0.4285


 20.4209, 0.3280,
0.4932


 106.0934, 0.3261,
0.4195

 12.7014, 0.3262,
0.5240


 135.3337, 0.3254,
0.4119

 7.2232, 0.3209,
0.5671

 169.5060, 0.3248,
0.4055

 3.6021, 0.3176,
0.6531

208.9950, 0.3242,
0.4000

 1.4536, 0.2515,
0.7485

254.1849, 0.3237,

 0.2557, 0.0000,

0.3953

1.0000

305.4601, 0.3232,
0.3911

■ 0.0000, 0.0000,
0.0000

■ 44.1218, 0.3280,
0.4532

■ 44.1218, 0.3280,
0.4532

■ 42.7422, 0.3296,
0.4849

■ 45.7221, 0.3254,
0.4215

■ 41.5672, 0.3298,
0.5151

■ 47.5470, 0.3220,
0.3911

■ 40.5875, 0.3283,
0.5419


■ 49.6073, 0.3181,
0.3627

■ 39.7906, 0.3253,
0.5635


■ 51.9114, 0.3140,
0.3368


■ 39.1619, 0.3208,
0.5788


■ 54.4673, 0.3099,
0.3135

 38.8168, 0.3174,
0.5862

 57.2827, 0.3059,
0.2927

 60.3648, 0.3020,
0.2743

 63.2216, 0.3034,
0.2649

 65.5090, 0.3129,
0.2668

Harmonies

Analogous

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



44.1218, 0.3927, 0.4495



44.1218, 0.3280, 0.4532



44.1218, 0.2627, 0.4093

Triad

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



44.1218, 0.3280, 0.4532



44.1218, 0.1975, 0.2340



44.1218, 0.4193, 0.3093

Complementary

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



44.1218, 0.3280, 0.4532



22.6301, 0.2869, 0.2144

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.



44.1218, 0.3556, 0.2644



44.1218, 0.3280, 0.4532



44.1218, 0.2291, 0.2221

Square

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



44.1218, 0.3280, 0.4532



44.1218, 0.1921, 0.2727



44.1218, 0.2849, 0.2335



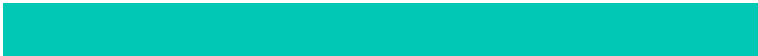
44.1218, 0.4504, 0.3610

Rectangle

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



44.1218, 0.3280, 0.4532



44.1218, 0.2276, 0.3619



44.1218, 0.2849, 0.2335



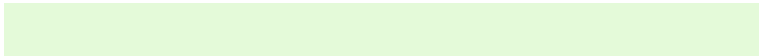
44.1218, 0.4005, 0.2932

Sweetspot

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



44.1237, 0.3280, 0.4532



89.8987, 0.3181, 0.3627



38.4856, 0.3916, 0.4009



19.0997, 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.



44.1237, 0.3280, 0.4532



77.5428, 0.3295, 0.4837



42.3397, 0.2987, 0.4416



11.4205, 0.3166, 0.3524



26.1601, 0.3183, 0.5855



1.1686, 0.3365, 0.5710

Inverse Universe

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



22.6301, 0.2869, 0.2144



33.4363, 0.2790, 0.1889



25.4204, 0.3314, 0.2380



10.0716, 0.3085, 0.3059



5.6468, 0.2381, 0.1085



0.2806, 0.2570, 0.1190

Previews

White Background



This preview shows how the Yxy color 44.1218, 0.3280, 0.4532 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 44.1218, 0.3280, 0.4532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

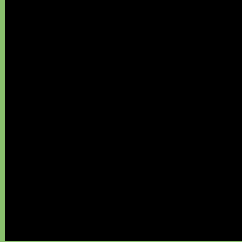
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.1218, 0.3280, 0.4532

Background



This preview shows how black text looks on a background with the Yxy color 44.1218, 0.3280, 0.4532.



This preview shows how white text looks on a background with the Yxy color 44.1218, 0.3280, 0.4532.

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

44.1218, 0.3280, 0.4532

Protanopia

43.8929, 0.3906, 0.4241

Deuteranopia

43.7370, 0.4045, 0.3961



Tritanopia

44.0207, 0.2776, 0.3098

Trichromacy



Original Color

44.1218, 0.3280, 0.4532

Protanomaly

43.3601, 0.3663, 0.4350

Deuteranomaly

42.9284, 0.3747, 0.4161

Tritanomaly

43.9091, 0.2967, 0.3607

Monochromacy



Original Color

44.1218, 0.3280, 0.4532

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

39.6728, 0.3195, 0.3733

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.1218, 0.3280, 0.4532 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(137, 192, 109)` looks like.

```
.text, #text, p{  
    color:rgb(137, 192, 109)  
}
```

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(137, 192, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 192, 109) }
```

Border

The CSS property to change the border of an element to Yxy 44.1218, 0.3280, 0.4532 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(137, 192, 109) }
```

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

```
.border{ border-color:rgb(137, 192, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 192, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 192, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 192, 109);  
box-shadow:4px 4px 4px 4px rgb(137, 192,  
109) }
```


Background

The CSS property to change the background color of an element to Yxy 44.1218, 0.3280, 0.4532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 192, 109) }
```

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

```
.background{ background-color: rgb(137,  
192, 109) }
```

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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