

Converting Colors

Yxy(44.3889, 0.3221, 0.4409)

Have a look what the booklet for
Yxy(44.3889, 0.3221, 0.4409)
contains.

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Color

Yxy(44.3256, 0.3220, 0.4400)

Conversions

Conversions Part 1

Format	Color
Hex	89C076
RGB	137, 192, 118
RGB Percent	54%, 75%, 46%
CMY	0.4626, 0.2471, 0.5374
CMYK	0.29, 0.00, 0.39, 0.25
HSL	105°, 37%, 61%
HSV	105°, 39%, 75%
XYZ	32.4383, 44.3256, 23.9761
YIQ	167.1190, -9.0260, -34.6740

Conversions

Conversions Part 2

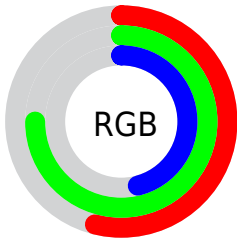
Format	Color
RYB	118, 192, 173
Decimal	9027702
CIELab	72.45, -31.81, 31.72
CIElCh	72, 44.926, 135.086
Yxy	44.3256, 0.3220, 0.4400
Android (android.graphics.Color)	4287217782 (0xFF89C076)
YUV	167.1190, -24.2157, -26.4144
Hunter-Lab	66.5775, -29.5407, 25.2525

Details

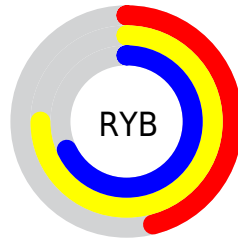
The Yxy color **44.3256, 0.3220, 0.4400** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **25.6336, 0.2968, 0.2291**, and the grayscale version is **38.8306, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.8981, 0.3214, 0.4181**, and **20.5256, 0.3220, 0.4762** is the 20% darker color. If you saturate the color by 10%, you get **42.7900, 0.3230, 0.4729**, and if you desaturate by 10%, it is **46.1172, 0.3202, 0.4080**.

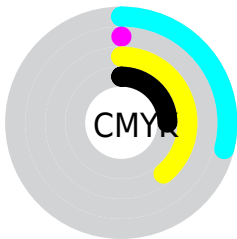
Distribution



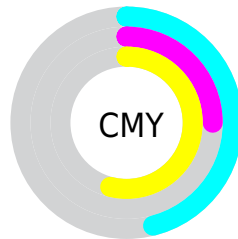
- Red (54%)
- Green (75%)
- Blue (46%)



- Red (46%)
- Yellow (75%)
- Blue (68%)



- Cyan (29%)
- Magenta (0%)
- Yellow (39%)
- Black (25%)




- Cyan (46%)
- Magenta (25%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.3256, 0.3220, 0.4400 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 44.3256, 0.3220, 0.4400 by changing the saturation by 10% instead.


 44.3256, 0.3220,
0.4400

 44.3256, 0.3220,
0.4400


364.0353, 0.3192,
0.3813

 30.9266, 0.3219,
0.4556


 81.7075, 0.3215,
0.4179

 20.5429, 0.3213,
0.4760

 106.4591, 0.3212,
0.4099

 12.7903, 0.3195,
0.5040


 135.7637, 0.3208,
0.4031

 7.2843, 0.3148,
0.5439

170.0057, 0.3205,
0.3974

 3.6405, 0.3066,
0.6115

209.5694, 0.3201,
0.3925

 1.4746, 0.2655,
0.7345

254.8394, 0.3198,

 0.2707, 0.0000,

0.3883

1.0000

306.1999, 0.3195,
0.3845

0.0000, 0.0000,
0.0000

44.3256, 0.3220,
0.4400

44.3256, 0.3220,
0.4400

42.7900, 0.3230,
0.4729

46.1172, 0.3202,
0.4080

41.4927, 0.3230,
0.5052

48.1700, 0.3178,
0.3779

40.4228, 0.3217,
0.5348


50.4964, 0.3151,
0.3504

39.5661, 0.3192,
0.5597


53.1061, 0.3123,
0.3256

38.9065, 0.3155,
0.5783


56.0085, 0.3094,
0.3036


 38.4219, 0.3111,
0.5902

 59.2124, 0.3066,
0.2842

 38.3630, 0.3105,
0.5916

 62.7264, 0.3038,
0.2671

 65.4446, 0.3127,
0.2667

 66.1793, 0.3156,
0.2673

Harmonies

Analogous

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



44.3256, 0.3823, 0.4416



44.3256, 0.3220, 0.4400



44.3256, 0.2624, 0.3967

Triad

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



44.3256, 0.3220, 0.4400



44.3256, 0.2076, 0.2395



44.3256, 0.4142, 0.3154

Complementary

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



44.3256, 0.3220, 0.4400



25.6336, 0.2968, 0.2291

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.



44.3256, 0.3580, 0.2725



44.3256, 0.3220, 0.4400



44.3256, 0.2393, 0.2300

Square

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



44.3256, 0.3220, 0.4400



44.3256, 0.2004, 0.2736



44.3256, 0.2928, 0.2422



44.3256, 0.4397, 0.3639

Rectangle

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



44.3256, 0.3220, 0.4400



44.3256, 0.2309, 0.3534



44.3256, 0.2928, 0.2422



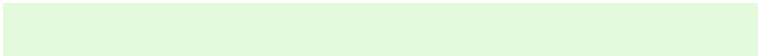
44.3256, 0.3980, 0.3001

Sweetspot

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



44.3275, 0.3220, 0.4400



89.9056, 0.3162, 0.3601



42.1176, 0.3788, 0.4008



19.1679, 0.3165, 0.3637



97.7402, 0.3127, 0.3290



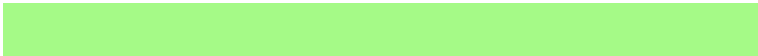
20.4902, 0.3127, 0.3290

Same Dimension

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



44.3275, 0.3220, 0.4400



78.0069, 0.3229, 0.4669



43.3050, 0.2959, 0.4173



11.3814, 0.3154, 0.3525



25.8464, 0.3113, 0.5910



1.1511, 0.3285, 0.5774

Inverse Universe

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



25.6336, 0.2968, 0.2291



39.4722, 0.2921, 0.2077



27.2411, 0.3359, 0.2547



10.1128, 0.3097, 0.3060



6.5035, 0.2572, 0.1191



0.3125, 0.2721, 0.1273

Previews

White Background



This preview shows how the Yxy color 44.3256, 0.3220, 0.4400 looks on a white background.

Color Contrast Check

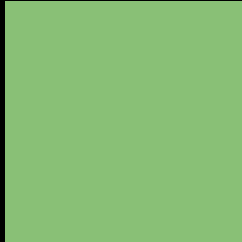
Large Text (above 18pt) WCAG AA × Fail

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 44.3256, 0.3220, 0.4400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

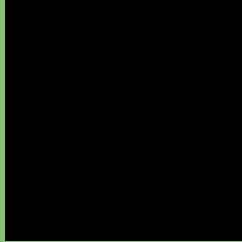
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.3256, 0.3220, 0.4400

Background



This preview shows how black text looks on a background with the Yxy color 44.3256, 0.3220, 0.4400.



This preview shows how white text looks on a background with the Yxy color 44.3256, 0.3220, 0.4400.

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

44.3256, 0.3220, 0.4400

Protanopia

43.9516, 0.3824, 0.4136

Deuteranopia

43.6549, 0.3946, 0.3860



Tritanopia

43.9711, 0.2762, 0.3084

Trichromacy



Original Color

44.3256, 0.3220, 0.4400

Protanomaly

43.5550, 0.3595, 0.4232

Deuteranomaly

43.0151, 0.3663, 0.4047

Tritanomaly

43.9647, 0.2930, 0.3549

Monochromacy



Original Color

44.3256, 0.3220, 0.4400

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

40.2885, 0.3170, 0.3685

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.3256, 0.3220, 0.4400 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, 118)` looks like.

```
.text, #text, p{  
    color:rgb(137, 192, 118)  
}
```

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, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 192, 118) }
```

Border

The CSS property to change the border of an element to Yxy 44.3256, 0.3220, 0.4400 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, 118) }
```

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

```
.border{ border-color:rgb(137, 192, 118) }
```

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, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 192, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 192, 118);  
box-shadow:4px 4px 4px 4px rgb(137, 192,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 44.3256, 0.3220, 0.4400 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, 118) }
```

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

```
.background{ background-color: rgb(137,  
192, 118) }
```

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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