

Converting Colors

$Yxy(43.0635, 0.3234, 0.4367)$

Have a look what the booklet for
Yxy(43.0635, 0.3234, 0.4367)
contains.

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Color

Yxy(43.1065, 0.3233, 0.4362)

Conversions

Conversions Part 1

Format	Color
Hex	8ABD76
RGB	138, 189, 118
RGB Percent	54%, 74%, 46%
CMY	0.4588, 0.2588, 0.5374
CMYK	0.27, 0.00, 0.38, 0.26
HSL	103°, 35%, 60%
HSV	103°, 38%, 74%
XYZ	31.9494, 43.1065, 23.7669
YIQ	165.6570, -7.6050, -32.8930

Conversions

Conversions Part 2

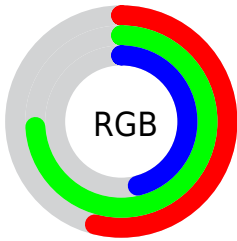
Format	Color
RYB	118, 189, 169
Decimal	9092470
CIELab	71.63, -30.05, 30.66
CIElCh	72, 42.932, 134.425
Yxy	43.1065, 0.3233, 0.4362
Android (android.graphics.Color)	4287282550 (0xFF8ABD76)
YUV	165.6570, -23.4949, -24.2552
Hunter-Lab	65.6555, -28.0352, 24.4963

Details

The Yxy color **43.1065, 0.3233, 0.4362** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **25.0552, 0.2954, 0.2312**, and the grayscale version is **38.0785, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.1893, 0.3224, 0.4150**, and **19.7237, 0.3238, 0.4715** is the 20% darker color. If you saturate the color by 10%, you get **41.6172, 0.3247, 0.4687**, and if you desaturate by 10%, it is **44.8341, 0.3211, 0.4046**.

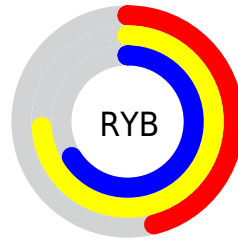
Distribution



Red (54%)

Green (74%)

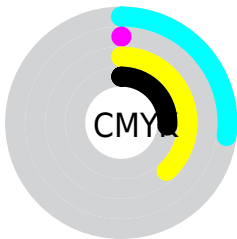
Blue (46%)



Red (46%)

Yellow (74%)

Blue (66%)

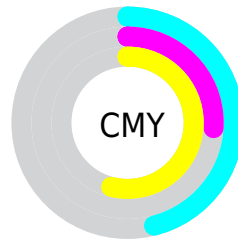


Cyan (27%)

Magenta (0%)

Yellow (38%)

Black (26%)



Cyan (46%)


Magenta (26%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.1065, 0.3233, 0.4362 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 43.1065, 0.3233, 0.4362 by changing the saturation by 10% instead.

 43.1065, 0.3233,
0.4362


 43.1065, 0.3233,
0.4362

359.0496, 0.3197,
0.3793


 29.9687, 0.3235,
0.4514


 79.8715, 0.3225,
0.4148

 19.8148, 0.3232,
0.4713


 104.2676, 0.3220,
0.4070

 12.2605, 0.3219,
0.4986


 133.1851, 0.3216,
0.4004

 6.9214, 0.3180,
0.5379

167.0086, 0.3212,
0.3949

 3.4130, 0.3116,
0.6062

206.1224, 0.3208,
0.3902

 1.3509, 0.2661,
0.7339

250.9109, 0.3204,

 0.1801, 0.0000,

0.3861

1.0000

301.7585, 0.3200,
0.3825

■ 0.0000, 0.0000,
0.0000

■ 43.1065, 0.3233,
0.4362

■ 43.1065, 0.3233,
0.4362

■ 41.6172, 0.3247,
0.4687

■ 44.8341, 0.3211,
0.4046

■ 40.3500, 0.3251,
0.5008

■ 46.8044, 0.3183,
0.3750

■ 39.2950, 0.3241,
0.5304


■ 49.0287, 0.3152,
0.3478


■ 38.4394, 0.3218,
0.5557


■ 51.5158, 0.3119,
0.3233

■ 37.7690, 0.3181,
0.5750

■ 54.2742, 0.3087,
0.3016


 37.2649, 0.3136,
0.5875

 57.3120, 0.3055,
0.2823

 37.1623, 0.3125,
0.5900

 60.6367, 0.3024,
0.2654

 63.3090, 0.3093,
0.2631

 64.8763, 0.3157,
0.2644

Harmonies

Analogous

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



43.1065, 0.3814, 0.4373



43.1065, 0.3233, 0.4362



43.1065, 0.2654, 0.3954

Triad

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



43.1065, 0.3233, 0.4362



43.1065, 0.2104, 0.2429



43.1065, 0.4097, 0.3151

Complementary

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



43.1065, 0.3233, 0.4362



25.0552, 0.2954, 0.2312

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.



43.1065, 0.3551, 0.2735



43.1065, 0.3233, 0.4362



43.1065, 0.2408, 0.2330

Square

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



43.1065, 0.3233, 0.4362



43.1065, 0.2040, 0.2767



43.1065, 0.2923, 0.2444



43.1065, 0.4351, 0.3622

Rectangle

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



43.1065, 0.3233, 0.4362



43.1065, 0.2346, 0.3540



43.1065, 0.2923, 0.2444



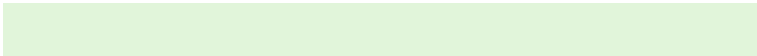
43.1065, 0.3938, 0.3003

Sweetspot

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



43.1084, 0.3233, 0.4362



86.3224, 0.3163, 0.3573



40.4569, 0.3774, 0.3974



18.4464, 0.3167, 0.3609



95.5105, 0.3127, 0.3290



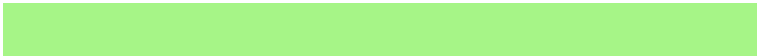
19.5994, 0.3127, 0.3290

Same Dimension

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



43.1084, 0.3233, 0.4362



75.0004, 0.3245, 0.4627



41.9495, 0.2971, 0.4165



10.7765, 0.3157, 0.3524



25.0370, 0.3133, 0.5894



1.0149, 0.3325, 0.5742

Inverse Universe

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



25.0552, 0.2954, 0.2312



38.0612, 0.2903, 0.2096



26.8105, 0.3338, 0.2552



9.5573, 0.3094, 0.3061



6.0151, 0.2513, 0.1158



0.2670, 0.2687, 0.1254

Previews

White Background



This preview shows how the Yxy color 43.1065, 0.3233, 0.4362 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 43.1065, 0.3233, 0.4362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

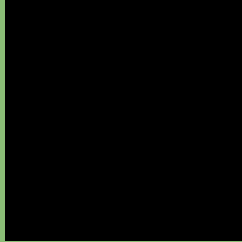
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.1065, 0.3233, 0.4362

Background



This preview shows how black text looks on a background with the Yxy color 43.1065, 0.3233, 0.4362.



This preview shows how white text looks on a background with the Yxy color 43.1065, 0.3233, 0.4362.

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

43.1065, 0.3233, 0.4362

Protanopia

42.7769, 0.3805, 0.4122

Deuteranopia

42.4774, 0.3927, 0.3843



Tritanopia

43.0216, 0.2780, 0.3096

Trichromacy



Original Color

43.1065, 0.3233, 0.4362

Protanomaly

42.5153, 0.3583, 0.4214

Deuteranomaly

42.1077, 0.3662, 0.4025

Tritanomaly

42.7311, 0.2952, 0.3536

Monochromacy



Original Color

43.1065, 0.3233, 0.4362

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

39.5099, 0.3172, 0.3657

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1065, 0.3233, 0.4362 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(138, 189, 118)` looks like.

```
.text, #text, p{  
    color:rgb(138, 189, 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(138, 189, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 189, 118) }
```

Border

The CSS property to change the border of an element to Yxy 43.1065, 0.3233, 0.4362 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(138, 189, 118) }
```

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

```
.border{ border-color:rgb(138, 189, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 189, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 189, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 189, 118);  
box-shadow:4px 4px 4px 4px rgb(138, 189,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1065, 0.3233, 0.4362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 189, 118) }
```

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

```
.background{ background-color: rgb(138,  
189, 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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