

Converting Colors

$Yxy(43.1036, 0.3256, 0.4405)$

Have a look what the booklet for
Yxy(43.1036, 0.3256, 0.4405)
contains.

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Color

Yxy(43.0363, 0.3253, 0.4407)

Conversions

Conversions Part 1

Format	Color
Hex	8ABD73
RGB	138, 189, 115
RGB Percent	54%, 74%, 45%
CMY	0.4590, 0.2588, 0.5490
CMYK	0.27, 0.00, 0.39, 0.26
HSL	101°, 36%, 60%
HSV	101°, 39%, 74%
XYZ	31.7670, 43.0363, 22.8511
YIQ	165.3150, -6.6420, -33.8260

Conversions

Conversions Part 2

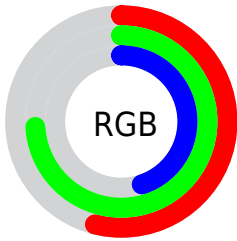
Format	Color
RYB	115, 189, 166
Decimal	9092467
CIELab	71.58, -30.51, 32.15
CIELCh	72, 44.319, 133.504
Yxy	43.0363, 0.3253, 0.4407
Android (android.graphics.Color)	4287282547 (0xFF8ABD73)
YUV	165.3150, -24.8053, -23.9553
Hunter-Lab	65.6021, -28.3672, 25.2690

Details

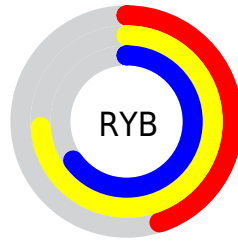
The Yxy color **43.0363, 0.3253, 0.4407** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **24.0497, 0.2923, 0.2263**, and the grayscale version is **37.9059, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.0761, 0.3241, 0.4185**, and **19.6880, 0.3263, 0.4774** is the 20% darker color. If you saturate the color by 10%, you get **41.6009, 0.3270, 0.4729**, and if you desaturate by 10%, it is **44.6982, 0.3227, 0.4092**.

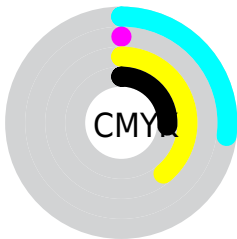
Distribution



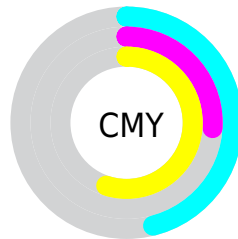
- Red (54%)
- Green (74%)
- Blue (45%)



- Red (45%)
- Yellow (74%)
- Blue (65%)



- Cyan (27%)
- Magenta (0%)
- Yellow (39%)
- Black (26%)




- Cyan (46%)
- Magenta (26%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.0363, 0.3253, 0.4407 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 43.0363, 0.3253, 0.4407 by changing the saturation by 10% instead.

 43.0363, 0.3253,
0.4407


 43.0363, 0.3253,
0.4407

358.7610, 0.3209,
0.3814


 29.9136, 0.3256,
0.4565


 79.7656, 0.3242,
0.4184

 19.7730, 0.3255,
0.4772


 104.1411, 0.3237,
0.4102

 12.2302, 0.3242,
0.5056


 133.0362, 0.3231,
0.4034

 6.9006, 0.3202,
0.5461

166.8354, 0.3226,
0.3977

 3.4000, 0.3152,
0.6202

205.9231, 0.3221,
0.3927

 1.3440, 0.2606,
0.7394

250.6837, 0.3217,

 0.1749, 0.0000,

0.3885

1.0000

301.5015, 0.3212,
0.3847

0.0000, 0.0000,
0.0000

43.0363, 0.3253,
0.4407

43.0363, 0.3253,
0.4407

41.6009, 0.3270,
0.4729

44.6982, 0.3227,
0.4092

40.3761, 0.3274,
0.5043

46.5905, 0.3196,
0.3794

39.3529, 0.3265,
0.5331

48.7240, 0.3161,
0.3519

38.5189, 0.3240,
0.5573


51.1071, 0.3124,
0.3270

37.8603, 0.3200,
0.5754


53.7477, 0.3087,
0.3048

 37.3564, 0.3153,
0.5873

 56.6537, 0.3051,
0.2851

 37.3193, 0.3149,
0.5882

 59.8321, 0.3017,
0.2677

 62.5469, 0.3061,
0.2624

 64.8814, 0.3157,
0.2644

Harmonies

Analogous

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



43.0363, 0.3849, 0.4402



43.0363, 0.3253, 0.4407



43.0363, 0.2654, 0.3995

Triad

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



43.0363, 0.3253, 0.4407



43.0363, 0.2069, 0.2410



43.0363, 0.4115, 0.3130

Complementary

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



43.0363, 0.3253, 0.4407



24.0497, 0.2923, 0.2263

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.



43.0363, 0.3544, 0.2708



43.0363, 0.3253, 0.4407



43.0363, 0.2373, 0.2302

Square

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



43.0363, 0.3253, 0.4407



43.0363, 0.2011, 0.2763



43.0363, 0.2897, 0.2414



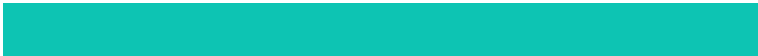
43.0363, 0.4388, 0.3613

Rectangle

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



43.0363, 0.3253, 0.4407



43.0363, 0.2334, 0.3568



43.0363, 0.2897, 0.2414



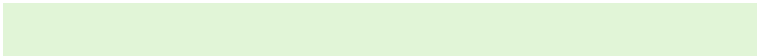
43.0363, 0.3948, 0.2979

Sweetspot

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



43.0382, 0.3253, 0.4407



86.0446, 0.3172, 0.3599



39.1770, 0.3817, 0.3973



18.3950, 0.3176, 0.3635



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.



43.0382, 0.3253, 0.4407



74.8333, 0.3268, 0.4684



41.6196, 0.2982, 0.4250



10.7893, 0.3161, 0.3524



25.1414, 0.3157, 0.5875



1.0204, 0.3354, 0.5719

Inverse Universe

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



24.0497, 0.2923, 0.2263



36.0508, 0.2861, 0.2033



26.1945, 0.3321, 0.2492



9.5438, 0.3089, 0.3060



5.7281, 0.2447, 0.1122



0.2575, 0.2636, 0.1226

Previews

White Background



This preview shows how the Yxy color 43.0363, 0.3253, 0.4407 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 43.0363, 0.3253, 0.4407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

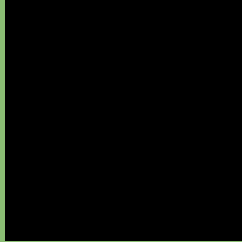
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.0363, 0.3253, 0.4407

Background



This preview shows how black text looks on a background with the Yxy color 43.0363, 0.3253, 0.4407.



This preview shows how white text looks on a background with the Yxy color 43.0363, 0.3253, 0.4407.

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

43.0363, 0.3253, 0.4407

Protanopia

42.7112, 0.3830, 0.4160

Deuteranopia

42.5488, 0.3964, 0.3877



Tritanopia

43.1169, 0.2788, 0.3096

Trichromacy



Original Color

43.0363, 0.3253, 0.4407

Protanomaly

42.4481, 0.3607, 0.4255

Deuteranomaly

42.0352, 0.3687, 0.4065

Tritanomaly

42.6946, 0.2959, 0.3551

Monochromacy



Original Color

43.0363, 0.3253, 0.4407

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

39.3473, 0.3180, 0.3688

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.0363, 0.3253, 0.4407 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, 115)` looks like.

```
.text, #text, p{  
    color:rgb(138, 189, 115)  
}
```

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, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 189, 115) }
```

Border

The CSS property to change the border of an element to Yxy 43.0363, 0.3253, 0.4407 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, 115) }
```

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

```
.border{ border-color:rgb(138, 189, 115) }
```

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, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 189, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 189, 115);  
box-shadow:4px 4px 4px 4px rgb(138, 189,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 43.0363, 0.3253, 0.4407 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, 115) }
```

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

```
.background{ background-color: rgb(138,  
189, 115) }
```

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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