

Converting Colors

$Yxy(43.4373, 0.3384, 0.4293)$

Have a look what the booklet for
Yxy(43.4373, 0.3384, 0.4293)
contains.

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Color

Yxy(43.2722, 0.3384, 0.4295)

Conversions

Conversions Part 1

Format	Color
Hex	9ABA75
RGB	154, 186, 117
RGB Percent	60%, 73%, 46%
CMY	0.3961, 0.2706, 0.5412
CMYK	0.17, 0.00, 0.37, 0.27
HSL	88°, 33%, 59%
HSV	88°, 37%, 73%
XYZ	34.0939, 43.2722, 23.3841
YIQ	168.5660, 3.0770, -28.2430

Conversions

Conversions Part 2

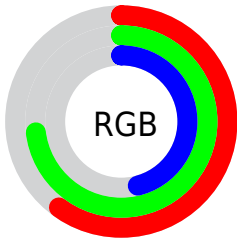
Format	Color
RYB	117, 186, 149
Decimal	10140277
CIELab	71.74, -22.92, 31.50
CIELCh	72, 38.962, 126.042
Yxy	43.2722, 0.3384, 0.4295
Android (android.graphics.Color)	4288330357 (0xFF9ABA75)
YUV	168.5660, -25.4220, -12.7744
Hunter-Lab	65.7816, -22.6033, 24.9707

Details

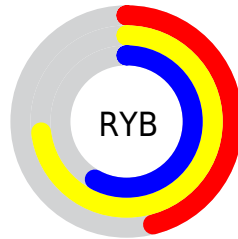
The Yxy color $43.2722, 0.3384, 0.4295$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $22.6595, 0.2772, 0.2274$, and the grayscale version is $39.5768, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.9619, 0.3344, 0.4095$, and $20.0051, 0.3439, 0.4623$ is the 20% darker color. If you saturate the color by 10%, you get $42.0625, 0.3438, 0.4587$, and if you desaturate by 10%, it is $44.6335, 0.3320, 0.4005$.

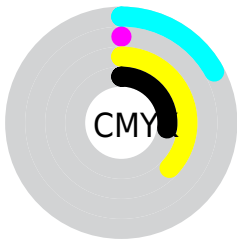
Distribution



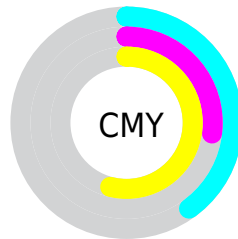
- Red (60%)
- Green (73%)
- Blue (46%)



- Red (46%)
- Yellow (73%)
- Blue (58%)



- Cyan (17%)
- Magenta (0%)
- Yellow (37%)
- Black (27%)




- Cyan (40%)
- Magenta (27%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.2722, 0.3384, 0.4295 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 43.2722, 0.3384, 0.4295 by changing the saturation by 10% instead.


 43.2722, 0.3384,
0.4295


 43.2722, 0.3384,
0.4295


359.7300, 0.3269,
0.3768

 30.0987, 0.3406,
0.4433


 80.1215, 0.3346,
0.4098

 19.9136, 0.3431,
0.4613


 104.5661, 0.3331,
0.4026

 12.3322, 0.3454,
0.4857


 133.5365, 0.3318,
0.3965

 6.9704, 0.3468,
0.5200

167.4171, 0.3306,
0.3914

 3.4436, 0.3495,
0.5801

206.5924, 0.3295,
0.3870

 1.3675, 0.3307,
0.6693

251.4467, 0.3285,

 0.1926, 0.0000,

0.3831

1.0000

302.3645, 0.3277,
0.3798

■ 0.0000, 0.0000,
0.0000

■ 43.2722, 0.3384,
0.4295

■ 43.2722, 0.3384,
0.4295

■ 42.0625, 0.3438,
0.4587

■ 44.6335, 0.3320,
0.4005

■ 40.9923, 0.3477,
0.4869

■ 46.1468, 0.3251,
0.3726

■ 40.0564, 0.3498,
0.5128

■ 47.8196, 0.3178,
0.3464


■ 39.2471, 0.3497,
0.5349


■ 49.6570, 0.3106,
0.3222

■ 38.5554, 0.3473,
0.5520


■ 51.6642, 0.3036,
0.3002

 37.9692, 0.3430,
0.5639

 53.8459, 0.2969,
0.2803

 37.8130, 0.3416,
0.5670

 56.2066, 0.2906,
0.2624

 58.0353, 0.2917,
0.2563

 59.4418, 0.2982,
0.2577

Harmonies

Analogous

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



43.2722, 0.3885, 0.4223



43.2722, 0.3384, 0.4295



43.2722, 0.2839, 0.4019

Triad

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



43.2722, 0.3384, 0.4295



43.2722, 0.2150, 0.2571



43.2722, 0.3887, 0.3052

Complementary

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



43.2722, 0.3384, 0.4295



22.6595, 0.2772, 0.2274

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.



43.2722, 0.3354, 0.2694



43.2722, 0.3384, 0.4295



43.2722, 0.2371, 0.2416

Square

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



43.2722, 0.3384, 0.4295



43.2722, 0.2157, 0.2946



43.2722, 0.2797, 0.2466



43.2722, 0.4205, 0.3480

Rectangle

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



43.2722, 0.3384, 0.4295



43.2722, 0.2525, 0.3679



43.2722, 0.2797, 0.2466



43.2722, 0.3724, 0.2922

Sweetspot

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



43.2741, 0.3384, 0.4295



85.3944, 0.3208, 0.3569



32.9209, 0.3854, 0.3725



18.7142, 0.3218, 0.3604



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.



43.2741, 0.3384, 0.4295



76.5157, 0.3431, 0.4548



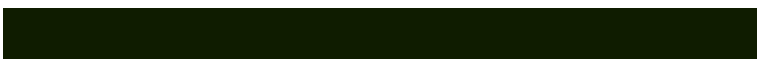
40.4309, 0.3102, 0.4388



10.2907, 0.3195, 0.3521



25.4819, 0.3425, 0.5663



0.9347, 0.3619, 0.5509

Inverse Universe

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



22.6595, 0.2772, 0.2274



33.4347, 0.2664, 0.2015



26.2810, 0.3132, 0.2375



8.9182, 0.3055, 0.3059



3.7698, 0.1968, 0.0858



0.1698, 0.2266, 0.1022

Previews

White Background



This preview shows how the Yxy color 43.2722, 0.3384, 0.4295 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 43.2722, 0.3384, 0.4295 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 43.2722, 0.3384, 0.4295

Background



This preview shows how black text looks on a background with the Yxy color 43.2722, 0.3384, 0.4295.



This preview shows how white text looks on a background with the Yxy color 43.2722, 0.3384, 0.4295.

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

43.2722, 0.3384, 0.4295

Protanopia

42.9286, 0.3807, 0.4107

Deuteranopia

42.9410, 0.3950, 0.3877



Tritanopia

43.2052, 0.2917, 0.3101

Trichromacy



Original Color

43.2722, 0.3384, 0.4295

Protanomaly

42.9201, 0.3654, 0.4181

Deuteranomaly

42.8348, 0.3729, 0.4023

Tritanomaly

42.8999, 0.3091, 0.3515

Monochromacy



Original Color

43.2722, 0.3384, 0.4295

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

40.7545, 0.3235, 0.3648

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.2722, 0.3384, 0.4295 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(154, 186, 117)` looks like.

```
.text, #text, p{  
    color:rgb(154, 186, 117)  
}
```

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(154, 186, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 186, 117) }
```

Border

The CSS property to change the border of an element to Yxy 43.2722, 0.3384, 0.4295 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(154, 186, 117) }
```

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

```
.border{ border-color:rgb(154, 186, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 186, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 186, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 186, 117);  
box-shadow:4px 4px 4px 4px rgb(154, 186,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 43.2722, 0.3384, 0.4295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 186, 117) }
```

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

```
.background{ background-color: rgb(154,  
186, 117) }
```

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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