

Converting Colors

$Yxy(43.1143, 0.3309, 0.4297)$

Have a look what the booklet for
Yxy(43.1143, 0.3309, 0.4297)
contains.

Yxy(43.0756, 0.3306, 0.4298)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(43.0756, 0.3306, 0.4298)

Conversions

Conversions Part 1

Format	Color
Hex	93BB77
RGB	147, 187, 119
RGB Percent	58%, 73%, 47%
CMY	0.4235, 0.2667, 0.5334
CMYK	0.21, 0.00, 0.36, 0.27
HSL	95°, 33%, 60%
HSV	95°, 36%, 73%
XYZ	33.1335, 43.0756, 24.0133
YIQ	167.2880, -2.0120, -29.6280

Conversions

Conversions Part 2

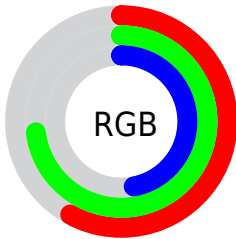
Format	Color
RYB	119, 187, 159
Decimal	9681783
CIELab	71.61, -25.72, 30.21
CIELCh	72, 39.674, 130.408
Yxy	43.0756, 0.3306, 0.4298
Android (android.graphics.Color)	4287871863 (0xFF93BB77)
YUV	167.2880, -23.8060, -17.7926
Hunter-Lab	65.6320, -24.7424, 24.2495

Details

The Yxy color **43.0756, 0.3306, 0.4298** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **24.1437, 0.2868, 0.2319**, and the grayscale version is **38.9117, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.6363, 0.3283, 0.4094**, and **19.9128, 0.3334, 0.4636** is the 20% darker color. If you saturate the color by 10%, you get **41.7033, 0.3341, 0.4607**, and if you desaturate by 10%, it is **44.6372, 0.3262, 0.3996**.

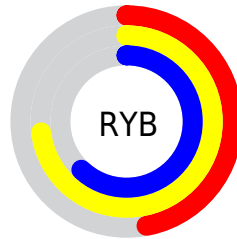
Distribution



Red (58%)

Green (73%)

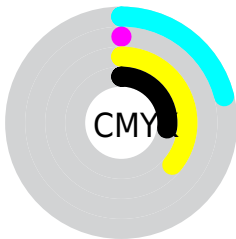
Blue (47%)



Red (47%)

Yellow (73%)

Blue (62%)

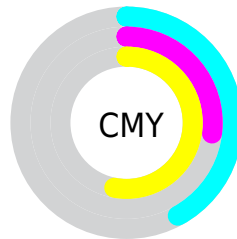


Cyan (21%)

Magenta (0%)

Yellow (36%)

Black (27%)



Cyan (42%)


Magenta (27%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.0756, 0.3306, 0.4298 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 43.0756, 0.3306, 0.4298 by changing the saturation by 10% instead.

 43.0756, 0.3306,
0.4298


 43.0756, 0.3306,
0.4298


358.9226, 0.3231,
0.3766


 29.9444, 0.3319,
0.4439


 79.8249, 0.3283,
0.4099

 19.7964, 0.3330,
0.4623


 104.2119, 0.3273,
0.4026

 12.2471, 0.3337,
0.4874


 133.1196, 0.3264,
0.3965

 6.9122, 0.3329,
0.5233

166.9324, 0.3256,
0.3913

 3.4073, 0.3309,
0.5846

206.0347, 0.3249,
0.3868

 1.3479, 0.3057,
0.6943

250.8109, 0.3242,

 0.1778, 0.0000,

0.3830

1.0000

301.6454, 0.3236,
0.3796

■ 0.0000, 0.0000,
0.0000

■ 43.0756, 0.3306,
0.4298

■ 43.0756, 0.3306,
0.4298

■ 41.7033, 0.3341,
0.4607

■ 44.6372, 0.3262,
0.3996

■ 40.5066, 0.3362,
0.4910

■ 46.3899, 0.3213,
0.3711

■ 39.4791, 0.3368,
0.5192


■ 48.3424, 0.3161,
0.3446

■ 38.6110, 0.3354,
0.5435

■ 50.5013, 0.3108,
0.3206

■ 37.8919, 0.3322,
0.5627


■ 52.8729, 0.3056,
0.2989

 37.3084, 0.3273,
0.5758

 55.4631, 0.3006,
0.2795

 37.1226, 0.3254,
0.5798

 58.2777, 0.2959,
0.2623

 60.4164, 0.3006,
0.2592

 62.3453, 0.3089,
0.2610

Harmonies

Analogous

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



43.0756, 0.3832, 0.4271



43.0756, 0.3306, 0.4298



43.0756, 0.2758, 0.3967

Triad

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



43.0756, 0.3306, 0.4298



43.0756, 0.2151, 0.2521



43.0756, 0.3968, 0.3108

Complementary

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



43.0756, 0.3306, 0.4298



24.1437, 0.2868, 0.2319

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.



43.0756, 0.3443, 0.2729



43.0756, 0.3306, 0.4298



43.0756, 0.2409, 0.2395

Square

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



43.0756, 0.3306, 0.4298



43.0756, 0.2124, 0.2869



43.0756, 0.2867, 0.2475



43.0756, 0.4247, 0.3547

Rectangle

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



43.0756, 0.3306, 0.4298



43.0756, 0.2454, 0.3602



43.0756, 0.2867, 0.2475



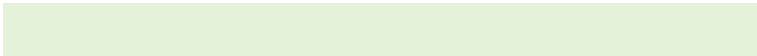
43.0756, 0.3811, 0.2971

Sweetspot

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



43.0775, 0.3306, 0.4298



84.8541, 0.3186, 0.3570



36.5756, 0.3793, 0.3836



18.5821, 0.3193, 0.3607



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.



43.0775, 0.3306, 0.4298



75.0756, 0.3336, 0.4555



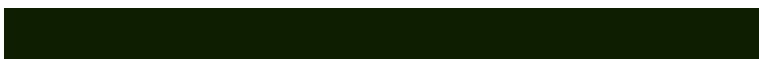
40.9337, 0.3038, 0.4280



10.8365, 0.3177, 0.3523



25.6172, 0.3263, 0.5791



1.0419, 0.3461, 0.5634

Inverse Universe

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



24.1437, 0.2868, 0.2319



35.9875, 0.2789, 0.2083



27.1034, 0.3229, 0.2468



9.4949, 0.3074, 0.3059



4.7959, 0.2216, 0.0994



0.2253, 0.2453, 0.1125

Previews

White Background



This preview shows how the Yxy color 43.0756, 0.3306, 0.4298 looks on a white background.

Color Contrast Check

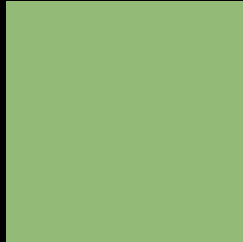
Large Text (above 18pt) WCAG AA × Fail

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 43.0756, 0.3306, 0.4298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

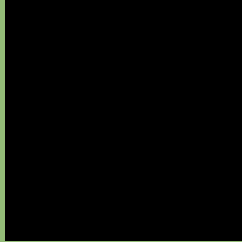
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.0756, 0.3306, 0.4298

Background



This preview shows how black text looks on a background with the Yxy color 43.0756, 0.3306, 0.4298.



This preview shows how white text looks on a background with the Yxy color 43.0756, 0.3306, 0.4298.

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

43.0756, 0.3306, 0.4298

Protanopia

42.8220, 0.3789, 0.4097

Deuteranopia

42.4774, 0.3927, 0.3843



Tritanopia

42.9157, 0.2854, 0.3098

Trichromacy



Original Color

43.0756, 0.3306, 0.4298

Protanomaly

42.4998, 0.3600, 0.4166

Deuteranomaly

42.1163, 0.3687, 0.3992

Tritanomaly

42.6344, 0.3024, 0.3519

Monochromacy



Original Color

43.0756, 0.3306, 0.4298

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

39.9477, 0.3200, 0.3638

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.0756, 0.3306, 0.4298 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(147, 187, 119)` looks like.

```
.text, #text, p{  
    color:rgb(147, 187, 119)  
}
```

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(147, 187, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 187, 119) }
```

Border

The CSS property to change the border of an element to Yxy 43.0756, 0.3306, 0.4298 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(147, 187, 119) }
```

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

```
.border{ border-color:rgb(147, 187, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 187, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 187, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 187, 119);  
box-shadow:4px 4px 4px 4px rgb(147, 187,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 43.0756, 0.3306, 0.4298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 187, 119) }
```

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

```
.background{ background-color: rgb(147,  
187, 119) }
```

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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