

Converting Colors

$Yxy(44.4488, 0.3428, 0.4258)$

Have a look what the booklet for
Yxy(44.4488, 0.3428, 0.4258)
contains.

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Color

Yxy(44.4496, 0.3429, 0.4258)

Conversions

Conversions Part 1

Format	Color
Hex	A1BB77
RGB	161, 187, 119
RGB Percent	63%, 73%, 47%
CMY	0.3687, 0.2666, 0.5333
CMYK	0.14, 0.00, 0.36, 0.27
HSL	83°, 33%, 60%
HSV	83°, 36%, 73%
XYZ	35.7956, 44.4496, 24.1456
YIQ	171.4740, 6.3320, -26.6600

Conversions

Conversions Part 2

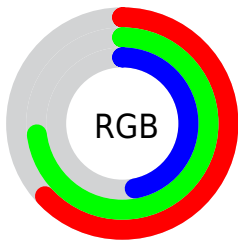
Format	Color
RYB	119, 187, 145
Decimal	10599287
CIELab	72.53, -20.51, 31.58
CIELCh	73, 37.653, 123.002
Yxy	44.4496, 0.3429, 0.4258
Android (android.graphics.Color)	4288789367 (0xFFA1BB77)
YUV	171.4740, -25.8697, -9.1857
Hunter-Lab	66.6705, -20.8363, 25.1967

Details

The Yxy color **44.4496, 0.3429, 0.4258** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **22.8043, 0.2724, 0.2280**, and the grayscale version is **41.1056, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.8315, 0.3386, 0.4068**, and **20.6680, 0.3489, 0.4569** is the 20% darker color. If you saturate the color by 10%, you get **43.3233, 0.3498, 0.4539**, and if you desaturate by 10%, it is **45.7108, 0.3351, 0.3977**.

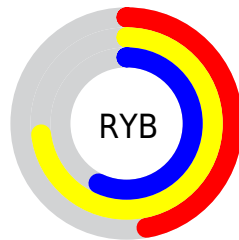
Distribution



Red (63%)

Green (73%)

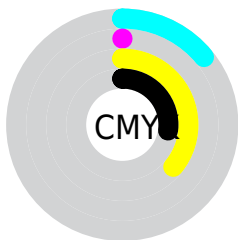
Blue (47%)



Red (47%)

Yellow (73%)

Blue (57%)

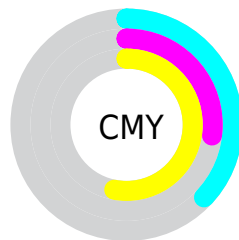


Cyan (14%)

Magenta (0%)

Yellow (36%)

Black (27%)



Cyan (37%)

Magenta (27%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.4496, 0.3429, 0.4258 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 44.4496, 0.3429, 0.4258 by changing the saturation by 10% instead.


 44.4496, 0.3429,
0.4258

 44.4496, 0.3429,
0.4258


364.5398, 0.3291,
0.3755


 31.0241, 0.3458,
0.4388


 81.8939, 0.3383,
0.4071

 20.6172, 0.3491,
0.4557


 106.6814, 0.3364,
0.4002

 12.8445, 0.3526,
0.4784


 136.0251, 0.3348,
0.3944

 7.3215, 0.3558,
0.5102

170.3094, 0.3334,
0.3895

 3.6640, 0.3598,
0.5622

209.9186, 0.3321,
0.3853

 1.4874, 0.3547,
0.6453

255.2372, 0.3310,

 0.2799, 0.0000,

0.3816

1.0000

306.6494, 0.3300,
0.3783

0.0000, 0.0000,
0.0000

44.4496, 0.3429,
0.4258

44.4496, 0.3429,
0.4258

43.3233, 0.3498,
0.4539

45.7108, 0.3351,
0.3977

42.3200, 0.3552,
0.4809

47.1065, 0.3267,
0.3704

41.4354, 0.3587,
0.5055


48.6437, 0.3181,
0.3445


40.6621, 0.3599,
0.5264


50.3273, 0.3097,
0.3205

39.9918, 0.3587,
0.5426

52.1619, 0.3015,
0.2985

 39.4139, 0.3553,
0.5538

 54.1517, 0.2937,
0.2785

 39.2193, 0.3538,
0.5573

 56.3009, 0.2863,
0.2604

 57.7057, 0.2882,
0.2567

 58.8345, 0.2935,
0.2577

Harmonies

Analogous

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



44.4496, 0.3896, 0.4163



44.4496, 0.3429, 0.4258



44.4496, 0.2904, 0.4026

Triad

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



44.4496, 0.3429, 0.4258



44.4496, 0.2177, 0.2628



44.4496, 0.3810, 0.3024

Complementary

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



44.4496, 0.3429, 0.4258



22.8043, 0.2724, 0.2280

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.



44.4496, 0.3289, 0.2687



44.4496, 0.3429, 0.4258



44.4496, 0.2370, 0.2455

Square

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



44.4496, 0.3429, 0.4258



44.4496, 0.2207, 0.3009



44.4496, 0.2762, 0.2484



44.4496, 0.4142, 0.3433

Rectangle

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



44.4496, 0.3429, 0.4258



44.4496, 0.2592, 0.3716



44.4496, 0.2762, 0.2484



44.4496, 0.3648, 0.2900

Sweetspot

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



44.4516, 0.3429, 0.4258



85.7552, 0.3223, 0.3567



31.8253, 0.3865, 0.3640



18.8026, 0.3234, 0.3603



95.5105, 0.3127, 0.3290



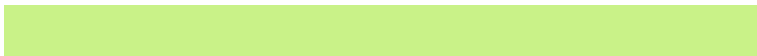
19.5994, 0.3127, 0.3290

Same Dimension

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



44.4516, 0.3429, 0.4258



77.9027, 0.3487, 0.4493



41.4707, 0.3147, 0.4349



10.9333, 0.3207, 0.3521



27.0623, 0.3546, 0.5567



1.0966, 0.3703, 0.5442

Inverse Universe

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



22.8043, 0.2724, 0.2280



33.2210, 0.2605, 0.2021



26.2402, 0.3071, 0.2376



9.3985, 0.3042, 0.3057



3.4484, 0.1829, 0.0781



0.1729, 0.2113, 0.0938

Previews

White Background



This preview shows how the Yxy color 44.4496, 0.3429, 0.4258 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 44.4496, 0.3429, 0.4258 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 44.4496, 0.3429, 0.4258

Background



This preview shows how black text looks on a background with the Yxy color 44.4496, 0.3429, 0.4258.



This preview shows how white text looks on a background with the Yxy color 44.4496, 0.3429, 0.4258.

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

44.4496, 0.3429, 0.4258

Protanopia

44.4161, 0.3795, 0.4111

Deuteranopia

44.1766, 0.3950, 0.3869



Tritanopia

44.3045, 0.2959, 0.3104

Trichromacy



Original Color

44.4496, 0.3429, 0.4258

Protanomaly

44.1325, 0.3659, 0.4169

Deuteranomaly

43.7933, 0.3746, 0.3998

Tritanomaly

43.9798, 0.3134, 0.3511

Monochromacy



Original Color

44.4496, 0.3429, 0.4258

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

41.9268, 0.3243, 0.3643

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.4496, 0.3429, 0.4258 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(161, 187, 119)` looks like.

```
.text, #text, p{  
    color:rgb(161, 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(161, 187, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 187, 119) }
```

Border

The CSS property to change the border of an element to Yxy 44.4496, 0.3429, 0.4258 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(161, 187, 119) }
```

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

```
.border{ border-color:rgb(161, 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(161, 187, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 187, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 187, 119);  
box-shadow:4px 4px 4px 4px rgb(161, 187,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 44.4496, 0.3429, 0.4258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 187, 119) }
```

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

```
.background{ background-color: rgb(161,  
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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