

Converting Colors

$Yxy(47.3305, 0.3458, 0.4433)$

Have a look what the booklet for
Yxy(47.3305, 0.3458, 0.4433)
contains.

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Color

Yxy(47.3305, 0.3458, 0.4433)

Conversions

Conversions Part 1

Format	Color
Hex	A1C270
RGB	161, 194, 112
RGB Percent	63%, 76%, 44%
CMY	0.3685, 0.2392, 0.5608
CMYK	0.17, 0.00, 0.42, 0.24
HSL	84°, 40%, 60%
HSV	84°, 42%, 76%
XYZ	36.9206, 47.3305, 22.5175
YIQ	174.7850, 6.6540, -32.4980

Conversions

Conversions Part 2

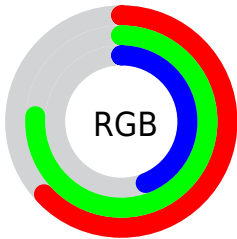
Format	Color
RYB	112, 194, 145
Decimal	10601072
CIELab	74.40, -24.84, 37.59
CIELCh	74, 45.055, 123.453
Yxy	47.3305, 0.3458, 0.4433
Android (android.graphics.Color)	4288791152 (0xFFA1C270)
YUV	174.7850, -30.9530, -12.0894
Hunter-Lab	68.7972, -24.6015, 28.7522

Details

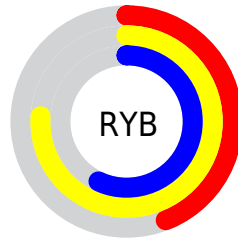
The Yxy color **47.3305, 0.3458, 0.4433** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **21.4976, 0.2655, 0.2098**, and the grayscale version is **42.9178, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.4627, 0.3410, 0.4218**, and **22.2921, 0.3517, 0.4772** is the 20% darker color. If you saturate the color by 10%, you get **46.1608, 0.3515, 0.4713**, and if you desaturate by 10%, it is **48.6479, 0.3388, 0.4147**.

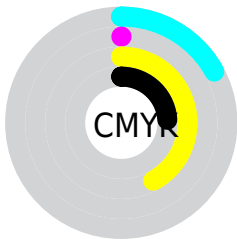
Distribution



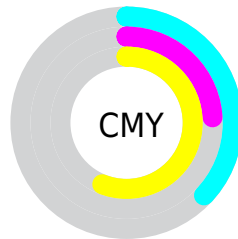
- Red (63%)
- Green (76%)
- Blue (44%)



- Red (44%)
- Yellow (76%)
- Blue (57%)



- Cyan (17%)
- Magenta (0%)
- Yellow (42%)
- Black (24%)





- Cyan (37%)
- Magenta (24%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.3305, 0.3458, 0.4433 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 47.3305, 0.3458, 0.4433 by changing the saturation by 10% instead.


 47.3305, 0.3458,
0.4433


 47.3305, 0.3458,
0.4433


376.1322, 0.3314,
0.3843


 33.2970, 0.3485,
0.4583


 86.2067, 0.3412,
0.4216

 22.3541, 0.3513,
0.4776


 111.8183, 0.3392,
0.4135

 14.1173, 0.3540,
0.5031


 142.0580, 0.3375,
0.4067

 8.2023, 0.3552,
0.5379

 177.3102, 0.3360,
0.4009

 4.2247, 0.3580,
0.5977

217.9593, 0.3347,
0.3959

 1.8000, 0.3360,
0.6640

264.3898, 0.3335,

 0.4872, 0.0000,

0.3915

1.0000

316.9859, 0.3324,
0.3877

0.0000, 0.0000,
0.0000

47.3305, 0.3458,
0.4433

47.3305, 0.3458,
0.4433

46.1608, 0.3515,
0.4713

48.6479, 0.3388,
0.4147

45.1258, 0.3555,
0.4974

50.1133, 0.3310,
0.3866

44.2196, 0.3574,
0.5203

51.7346, 0.3228,
0.3597

43.4338, 0.3569,
0.5388

53.5173, 0.3146,
0.3345


42.7580, 0.3540,
0.5522


55.4669, 0.3065,
0.3112

 42.2967, 0.3507,
0.5598

 57.5882, 0.2987,
0.2900

 59.8860, 0.2913,
0.2709

 61.5545, 0.2922,
0.2649

 62.8245, 0.2979,
0.2660

Harmonies

Analogous

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



47.3305, 0.4007, 0.4305



47.3305, 0.3458, 0.4433



47.3305, 0.2849, 0.4160

Triad

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



47.3305, 0.3458, 0.4433



47.3305, 0.2036, 0.2512



47.3305, 0.3935, 0.2983

Complementary

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



47.3305, 0.3458, 0.4433



21.4976, 0.2655, 0.2098

Split Complementary

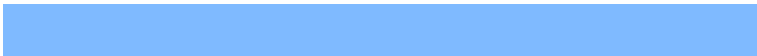
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



47.3305, 0.3321, 0.2601



47.3305, 0.3458, 0.4433



47.3305, 0.2257, 0.2326

Square

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



47.3305, 0.3458, 0.4433



47.3305, 0.2063, 0.2943



47.3305, 0.2707, 0.2366



47.3305, 0.4321, 0.3449

Rectangle

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



47.3305, 0.3458, 0.4433



47.3305, 0.2493, 0.3782



47.3305, 0.2707, 0.2366



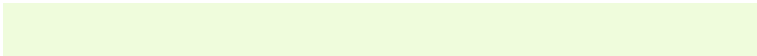
47.3305, 0.3745, 0.2843

Sweetspot

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



47.3326, 0.3458, 0.4433



93.4479, 0.3236, 0.3621



32.8270, 0.4012, 0.3735



20.3152, 0.3255, 0.3681



0.0000, 0.0000, 0.0000



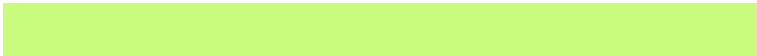
21.4041, 0.3127, 0.3290

Same Dimension

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



47.3326, 0.3458, 0.4433



83.7289, 0.3513, 0.4700



43.7582, 0.3126, 0.4561



11.5499, 0.3204, 0.3522



27.8593, 0.3515, 0.5591



1.2430, 0.3666, 0.5471

Inverse Universe

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



21.4976, 0.2655, 0.2098



30.5621, 0.2516, 0.1805



25.8959, 0.3086, 0.2237



9.9411, 0.3045, 0.3056



3.6697, 0.1858, 0.0797



0.1987, 0.2120, 0.0941

Previews

White Background



This preview shows how the Yxy color 47.3305, 0.3458, 0.4433 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 47.3305, 0.3458, 0.4433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

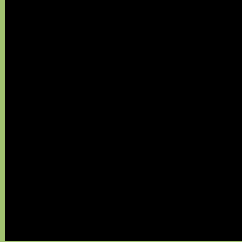
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.3305, 0.3458, 0.4433

Background



This preview shows how black text looks on a background with the Yxy color 47.3305, 0.3458, 0.4433.



This preview shows how white text looks on a background with the Yxy color 47.3305, 0.3458, 0.4433.

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

47.3305, 0.3458, 0.4433

Protanopia

47.2290, 0.3891, 0.4228

Deuteranopia

46.7721, 0.4057, 0.3965



Tritanopia

47.2424, 0.2932, 0.3108

Trichromacy



Original Color

47.3305, 0.3458, 0.4433

Protanomaly

47.0839, 0.3732, 0.4309

Deuteranomaly

46.4277, 0.3837, 0.4127

Tritanomaly

47.1915, 0.3130, 0.3575

Monochromacy



Original Color

47.3305, 0.3458, 0.4433

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

44.2689, 0.3263, 0.3706

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.3305, 0.3458, 0.4433 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, 194, 112)` looks like.

```
.text, #text, p{  
    color:rgb(161, 194, 112)  
}
```

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, 194, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 194, 112) }
```

Border

The CSS property to change the border of an element to Yxy 47.3305, 0.3458, 0.4433 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, 194, 112) }
```

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

```
.border{ border-color:rgb(161, 194, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 194, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 194, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 194, 112);  
box-shadow:4px 4px 4px 4px rgb(161, 194,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 47.3305, 0.3458, 0.4433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 194, 112) }
```

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

```
.background{ background-color: rgb(161,  
194, 112) }
```

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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