

Converting Colors

Yxy(52.0782, 0.3353, 0.4405)

Have a look what the booklet for
Yxy(52.0782, 0.3353, 0.4405)
contains.

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Color

Yxy(52.0645, 0.3355, 0.4411)

Conversions

Conversions Part 1

Format	Color
Hex	A0CC7A
RGB	160, 204, 122
RGB Percent	63%, 80%, 48%
CMY	0.3726, 0.2000, 0.5216
CMYK	0.22, 0.00, 0.40, 0.20
HSL	92°, 45%, 64%
HSV	92°, 40%, 80%
XYZ	39.6002, 52.0645, 26.3686
YIQ	181.4960, 0.0980, -34.8300

Conversions

Conversions Part 2

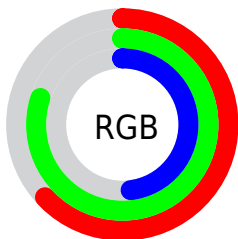
Format	Color
RYB	122, 204, 166
Decimal	10538106
CIELab	77.32, -28.80, 36.23
CIELCh	77, 46.282, 128.477
Yxy	52.0645, 0.3355, 0.4411
Android (android.graphics.Color)	4288728186 (0xFFA0CC7A)
YUV	181.4960, -29.3315, -18.8520
Hunter-Lab	72.1557, -28.3090, 28.8420

Details

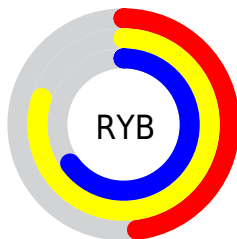
The Yxy color **52.0645, 0.3355, 0.4411** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **26.3826, 0.2789, 0.2191**, and the grayscale version is **46.6522, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.2141, 0.3340, 0.4149**, and **25.4064, 0.3383, 0.4738** is the 20% darker color. If you saturate the color by 10%, you get **50.5340, 0.3393, 0.4714**, and if you desaturate by 10%, it is **53.8051, 0.3306, 0.4109**.

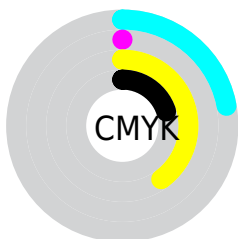
Distribution



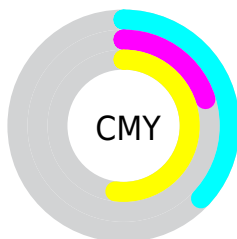
- Red (63%)
- Green (80%)
- Blue (48%)



- Red (48%)
- Yellow (80%)
- Blue (65%)



- Cyan (22%)
- Magenta (0%)
- Yellow (40%)
- Black (20%)




- Cyan (37%)
- Magenta (20%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.0645, 0.3355, 0.4411 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 52.0645, 0.3355, 0.4411 by changing the saturation by 10% instead.


 52.0645, 0.3355,
0.4411


 52.0645, 0.3355,
0.4411


394.6856, 0.3263,
0.3837


 37.0565, 0.3370,
0.4556


 93.2264, 0.3327,
0.4201

 25.2512, 0.3384,
0.4742


 120.1490, 0.3315,
0.4122

 16.2643, 0.3393,
0.4988


 151.8120, 0.3304,
0.4056

 9.7114, 0.3387,
0.5324

188.5997, 0.3294,
0.3999

 5.2080, 0.3341,
0.5811

230.8965, 0.3285,
0.3951

 2.3698, 0.3269,
0.6731

279.0868, 0.3277,

 0.8103, 0.0766,

0.3908

0.9234

333.5550, 0.3270,
0.3871

0.0000, 0.0000,
0.0000

52.0645, 0.3355,
0.4411

52.0645, 0.3355,
0.4411

50.5340, 0.3393,
0.4714

53.8051, 0.3306,
0.4109

49.1975, 0.3415,
0.5003

55.7575, 0.3250,
0.3819

48.0472, 0.3419,
0.5265


57.9320, 0.3190,
0.3546

47.0718, 0.3402,
0.5482


60.3362, 0.3128,
0.3295


46.2582, 0.3364,
0.5643

62.9772, 0.3068,
0.3067

 45.5971, 0.3313,
0.5751

 65.8620, 0.3010,
0.2863

 68.3503, 0.3018,
0.2771

 70.2889, 0.3097,
0.2783

 71.6697, 0.3151,
0.2792

Harmonies

Analogous

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



52.0645, 0.3923, 0.4345



52.0645, 0.3355, 0.4411



52.0645, 0.2756, 0.4072

Triad

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



52.0645, 0.3355, 0.4411



52.0645, 0.2061, 0.2467



52.0645, 0.4017, 0.3059

Complementary

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



52.0645, 0.3355, 0.4411



26.3826, 0.2789, 0.2191

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.



52.0645, 0.3429, 0.2659



52.0645, 0.3355, 0.4411



52.0645, 0.2321, 0.2322

Square

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



52.0645, 0.3355, 0.4411



52.0645, 0.2046, 0.2857



52.0645, 0.2803, 0.2397



52.0645, 0.4345, 0.3529

Rectangle

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



52.0645, 0.3355, 0.4411



52.0645, 0.2419, 0.3673



52.0645, 0.2803, 0.2397



52.0645, 0.3840, 0.2914

Sweetspot

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



52.0668, 0.3355, 0.4411



95.2009, 0.3201, 0.3597



41.4177, 0.3903, 0.3849



20.2724, 0.3209, 0.3633



0.0000, 0.0000, 0.0000



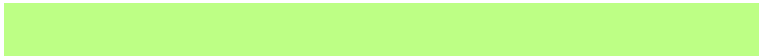
21.4041, 0.3127, 0.3290

Same Dimension

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



52.0668, 0.3355, 0.4411



84.0611, 0.3388, 0.4666



48.7996, 0.3053, 0.4474



12.7874, 0.3185, 0.3525



28.7509, 0.3323, 0.5743



1.5282, 0.3477, 0.5621

Inverse Universe

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



26.3826, 0.2789, 0.2191



35.9308, 0.2695, 0.1946



30.9836, 0.3201, 0.2337



11.1355, 0.3065, 0.3056



4.8656, 0.2104, 0.0933



0.2959, 0.2311, 0.1047

Previews

White Background



This preview shows how the Yxy color 52.0645, 0.3355, 0.4411 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 52.0645, 0.3355, 0.4411 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 52.0645, 0.3355, 0.4411

Background



This preview shows how black text looks on a background with the Yxy color 52.0645, 0.3355, 0.4411.



This preview shows how white text looks on a background with the Yxy color 52.0645, 0.3355, 0.4411.

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

52.0645, 0.3355, 0.4411

Protanopia

51.5212, 0.3860, 0.4174

Deuteranopia

51.4822, 0.4003, 0.3922



Tritanopia

52.0713, 0.2860, 0.3100

Trichromacy



Original Color

52.0645, 0.3355, 0.4411

Protanomaly

51.4385, 0.3669, 0.4258

Deuteranomaly

51.0041, 0.3754, 0.4096

Tritanomaly

51.8873, 0.3044, 0.3568

Monochromacy



Original Color

52.0645, 0.3355, 0.4411

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

47.8175, 0.3217, 0.3682

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.0645, 0.3355, 0.4411 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(160, 204, 122)` looks like.

```
.text, #text, p{  
    color:rgb(160, 204, 122)  
}
```

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(160, 204, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 204, 122) }
```

Border

The CSS property to change the border of an element to Yxy 52.0645, 0.3355, 0.4411 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(160, 204, 122) }
```

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

```
.border{ border-color:rgb(160, 204, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 204, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 204, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 204, 122);  
box-shadow:4px 4px 4px 4px rgb(160, 204,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 52.0645, 0.3355, 0.4411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 204, 122) }
```

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

```
.background{ background-color: rgb(160,  
204, 122) }
```

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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