

Converting Colors

$Yxy(42.5638, 0.3041, 0.3489)$

Have a look what the booklet for
Yxy(42.5638, 0.3041, 0.3489)
contains.

Yxy(42.5638, 0.3041, 0.3489)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(42.5638, 0.3041, 0.3489)

Conversions

Conversions Part 1

Format	Color
Hex	9DB4A6
RGB	157, 180, 166
RGB Percent	62%, 71%, 65%
CMY	0.3846, 0.2940, 0.3491
CMYK	0.13, 0.00, 0.08, 0.29
HSL	144°, 13%, 66%
HSV	144°, 13%, 71%
XYZ	37.0985, 42.5638, 42.3320
YIQ	171.5270, -9.2140, -9.2300

Conversions

Conversions Part 2

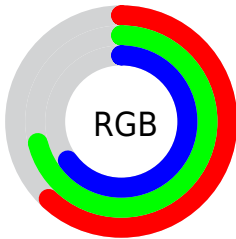
Format	Color
RYB	157, 174, 180
Decimal	10335398
CIELab	71.26, -10.71, 4.47
CIELCh	71, 11.603, 157.320
Yxy	42.5638, 0.3041, 0.3489
Android (android.graphics.Color)	4288525478 (0xFF9DB4A6)
YUV	171.5270, -2.7248, -12.7402
Hunter-Lab	65.2409, -12.6698, 7.1980

Details

The Yxy color **42.5638, 0.3041, 0.3489** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.7366, 0.3224, 0.3099**, and the grayscale version is **41.0163, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.2084, 0.3060, 0.3453**, and **19.4578, 0.3022, 0.3549** is the 20% darker color. If you saturate the color by 10%, you get **40.5027, 0.2976, 0.3665**, and if you desaturate by 10%, it is **44.9295, 0.3108, 0.3331**.

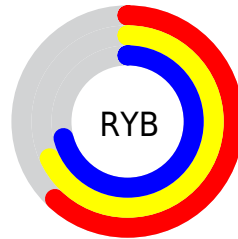
Distribution



Red (62%)

Green (71%)

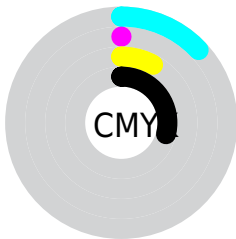
Blue (65%)



Red (62%)

Yellow (68%)

Blue (71%)

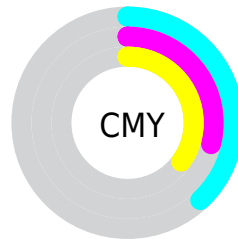


Cyan (13%)

Magenta (0%)

Yellow (8%)

Black (29%)



Cyan (38%)


Magenta (29%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.5638, 0.3041, 0.3489 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 42.5638, 0.3041, 0.3489 by changing the saturation by 10% instead.


 42.5638, 0.3041,
0.3489


 42.5638, 0.3041,
0.3489

356.8148, 0.3085,
0.3387

 29.5430, 0.3029,
0.3516


 79.0522, 0.3057,
0.3451

 19.4920, 0.3014,
0.3550


 103.2886, 0.3064,
0.3437

 12.0263, 0.2994,
0.3598


132.0323, 0.3069,
0.3425

 6.7616, 0.2964,
0.3666

165.6678, 0.3073,
0.3415

 3.3135, 0.2917,
0.3774

204.5794, 0.3077,
0.3407

 1.2975, 0.2832,
0.3968

249.1515, 0.3080,

 0.1393, 0.0000,

0.3399

1.0000

299.7685, 0.3083,
0.3392

0.0000, 0.0000,
0.0000

42.5638, 0.3041,
0.3489

42.5638, 0.3041,
0.3489

40.5027, 0.2976,
0.3665

44.9295, 0.3108,
0.3331

38.7282, 0.2915,
0.3860

47.6059, 0.3175,
0.3191

37.2287, 0.2860,
0.4071

50.6062, 0.3241,
0.3068

35.9899, 0.2816,
0.4296

53.9407, 0.3305,
0.2960

34.9959, 0.2785,
0.4530

57.6195, 0.3366,
0.2866

■ 34.2292, 0.2771,
0.4765

■ 59.7165, 0.3343,
0.2770

■ 33.6695, 0.2774,
0.4993

■ 60.3564, 0.3256,
0.2668

■ 33.2930, 0.2796,
0.5206

■ 61.0357, 0.3173,
0.2569

■ 33.1013, 0.2818,
0.5346

■ 61.1312, 0.3162,
0.2556

Harmonies

Analogous

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



42.5638, 0.3209, 0.3573



42.5638, 0.3041, 0.3489



42.5638, 0.2899, 0.3348

Triad

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



42.5638, 0.3041, 0.3489



42.5638, 0.2897, 0.3012



42.5638, 0.3447, 0.3372

Complementary

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



42.5638, 0.3041, 0.3489



36.7366, 0.3224, 0.3099

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.



42.5638, 0.3359, 0.3228



42.5638, 0.3041, 0.3489



42.5638, 0.3039, 0.3024

Square

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



42.5638, 0.3041, 0.3489



42.5638, 0.2817, 0.3072



42.5638, 0.3208, 0.3103



42.5638, 0.3447, 0.3500

Rectangle

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



42.5638, 0.3041, 0.3489



42.5638, 0.2836, 0.3244



42.5638, 0.3208, 0.3103



42.5638, 0.3427, 0.3324

Sweetspot

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



42.5656, 0.3041, 0.3489



80.8816, 0.3100, 0.3350



43.7605, 0.3236, 0.3609



17.4093, 0.3095, 0.3361



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



42.5656, 0.3041, 0.3489



76.2012, 0.3025, 0.3530



43.0002, 0.2955, 0.3327



9.5435, 0.3064, 0.3432



23.1089, 0.2812, 0.5323



0.7388, 0.2649, 0.4735

Inverse Universe

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



36.7366, 0.3224, 0.3099



63.8395, 0.3245, 0.3061



36.3228, 0.3331, 0.3253



8.5891, 0.3195, 0.3153



7.5622, 0.4486, 0.2245



0.2490, 0.4043, 0.2001

Previews

White Background



This preview shows how the Yxy color 42.5638, 0.3041, 0.3489 looks on a white background.

Color Contrast Check

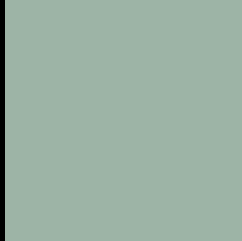
Large Text (above 18pt) WCAG AA × Fail

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 42.5638, 0.3041, 0.3489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

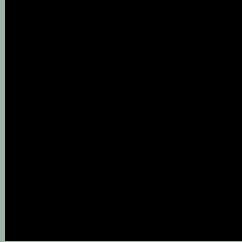
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.5638, 0.3041, 0.3489

Background



This preview shows how black text looks on a background with the Yxy color 42.5638, 0.3041, 0.3489.



This preview shows how white text looks on a background with the Yxy color 42.5638, 0.3041, 0.3489.

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

42.5638, 0.3041, 0.3489

Protanopia

42.5840, 0.3282, 0.3453

Deuteranopia

42.1699, 0.3360, 0.3291



Tritanopia

42.3454, 0.2891, 0.3098

Trichromacy



Original Color

42.5638, 0.3041, 0.3489

Protanomaly

42.4657, 0.3199, 0.3469

Deuteranomaly

41.9984, 0.3242, 0.3358

Tritanomaly

42.2541, 0.2951, 0.3234

Monochromacy



Original Color

42.5638, 0.3041, 0.3489

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.7777, 0.3098, 0.3359

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.5638, 0.3041, 0.3489 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(157, 180, 166)` looks like.

```
.text, #text, p{  
    color:rgb(157, 180, 166)  
}
```

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(157, 180, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 180, 166) }
```

Border

The CSS property to change the border of an element to Yxy 42.5638, 0.3041, 0.3489 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(157, 180, 166) }
```

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

```
.border{ border-color:rgb(157, 180, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 180, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 180, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 180, 166);  
box-shadow:4px 4px 4px 4px rgb(157, 180,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 42.5638, 0.3041, 0.3489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 180, 166) }
```

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

```
.background{ background-color: rgb(157,  
180, 166) }
```

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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