

Converting Colors

$Yxy(51.1441, 0.2978, 0.4326)$

Have a look what the booklet for
Yxy(51.1441, 0.2978, 0.4326)
contains.

Yxy(51.0843, 0.2973, 0.4318)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(51.0843, 0.2973, 0.4318)

Conversions

Conversions Part 1

Format	Color
Hex	7AD08A
RGB	122, 208, 138
RGB Percent	48%, 82%, 54%
CMY	0.5214, 0.1843, 0.4588
CMYK	0.41, 0.00, 0.34, 0.18
HSL	131°, 48%, 65%
HSV	131°, 41%, 82%
XYZ	35.1722, 51.0843, 32.0490
YIQ	174.3060, -28.7860, -40.0020

Conversions

Conversions Part 2

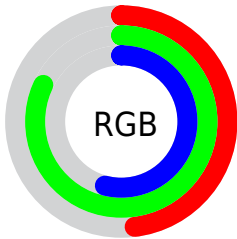
Format	Color
RYB	122, 195, 208
Decimal	8048778
CIELab	76.73, -40.73, 26.84
CIELCh	77, 48.778, 146.616
Yxy	51.0843, 0.2973, 0.4318
Android (android.graphics.Color)	4286238858 (0xFF7AD08A)
YUV	174.3060, -17.8989, -45.8724
Hunter-Lab	71.4733, -37.2379, 23.4454

Details

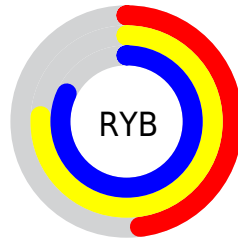
The Yxy color **51.0843, 0.2973, 0.4318** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **31.1441, 0.3338, 0.2447**, and the grayscale version is **42.6023, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.7907, 0.3011, 0.4013**, and **24.6639, 0.2908, 0.4649** is the 20% darker color. If you saturate the color by 10%, you get **49.2737, 0.2945, 0.4621**, and if you desaturate by 10%, it is **53.3006, 0.3007, 0.4031**.

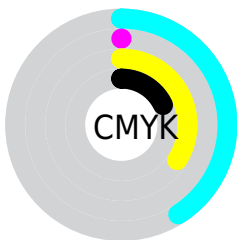
Distribution



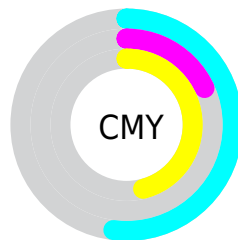
- Red (48%)
- Green (82%)
- Blue (54%)



- Red (48%)
- Yellow (76%)
- Blue (82%)



- Cyan (41%)
- Magenta (0%)
- Yellow (34%)
- Black (18%)




- Cyan (52%)
- Magenta (18%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.0843, 0.2973, 0.4318 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 51.0843, 0.2973, 0.4318 by changing the saturation by 10% instead.

 51.0843, 0.2973,
0.4318

 51.0843, 0.2973,
0.4318

390.8912, 0.3065,
0.3782


 36.2757, 0.2945,
0.4458


 91.7794, 0.3010,
0.4118

 24.6472, 0.2906,
0.4641


 118.4346, 0.3023,
0.4045

 15.8144, 0.2848,
0.4890


 149.8076, 0.3034,
0.3983

 9.3929, 0.2756,
0.5244

186.2826, 0.3042,
0.3931

 4.9983, 0.2598,
0.5784

228.2441, 0.3049,
0.3886

 2.2463, 0.2430,
0.7125

276.0764, 0.3056,

 0.7451, 0.0000,

0.3847

1.0000

330.1640, 0.3061,
0.3812

0.0000, 0.0000,
0.0000

51.0843, 0.2973,
0.4318

51.0843, 0.2973,
0.4318

49.2737, 0.2945,
0.4621

53.3006, 0.3007,
0.4031

47.8379, 0.2925,
0.4926

55.9387, 0.3045,
0.3766

46.7520, 0.2916,
0.5219


59.0212, 0.3083,
0.3527


45.9850, 0.2920,
0.5481


62.5677, 0.3122,
0.3316

45.5005, 0.2935,
0.5694

66.5962, 0.3160,
0.3131

 45.2557, 0.2954,
0.5833

 71.1240, 0.3195,
0.2970

 73.5917, 0.3149,
0.2831

Harmonies

Analogous

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



51.0843, 0.3614, 0.4501



51.0843, 0.2973, 0.4318



51.0843, 0.2407, 0.3739

Triad

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



51.0843, 0.2973, 0.4318



51.0843, 0.2139, 0.2300



51.0843, 0.4326, 0.3336

Complementary

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



51.0843, 0.2973, 0.4318



31.1441, 0.3338, 0.2447

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.



51.0843, 0.3844, 0.2865



51.0843, 0.2973, 0.4318



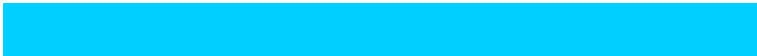
51.0843, 0.2557, 0.2294

Square

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



51.0843, 0.2973, 0.4318



51.0843, 0.1967, 0.2549



51.0843, 0.3174, 0.2496



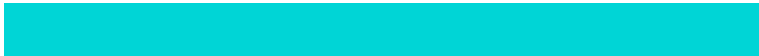
51.0843, 0.4433, 0.3838

Rectangle

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



51.0843, 0.2973, 0.4318



51.0843, 0.2143, 0.3275



51.0843, 0.3174, 0.2496



51.0843, 0.4201, 0.3172

Sweetspot

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



51.0864, 0.2973, 0.4318



93.1491, 0.3080, 0.3546



57.7553, 0.3608, 0.4353



19.7923, 0.3075, 0.3576



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.



51.0864, 0.2973, 0.4318



78.3106, 0.2947, 0.4598



52.5786, 0.2717, 0.3672



13.2416, 0.3091, 0.3485



28.2164, 0.2948, 0.5814



1.5887, 0.2857, 0.5484

Inverse Universe

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



31.1441, 0.3338, 0.2447



42.3560, 0.3399, 0.2272



29.5148, 0.3836, 0.2947



11.9698, 0.3166, 0.3103



10.1653, 0.3739, 0.1833



0.5784, 0.3625, 0.1770

Previews

White Background



This preview shows how the Yxy color 51.0843, 0.2973, 0.4318 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 51.0843, 0.2973, 0.4318 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 51.0843, 0.2973, 0.4318

Background



This preview shows how black text looks on a background with the Yxy color 51.0843, 0.2973, 0.4318.



This preview shows how white text looks on a background with the Yxy color 51.0843, 0.2973, 0.4318.

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

51.0843, 0.2973, 0.4318

Protanopia

50.4155, 0.3732, 0.4011

Deuteranopia

50.4335, 0.3799, 0.3730



Tritanopia

50.6465, 0.2601, 0.3077

Trichromacy



Original Color

51.0843, 0.2973, 0.4318



Protanomaly

49.7223, 0.3418, 0.4125



Deuteranomaly

49.5289, 0.3457, 0.3934



Tritanomaly

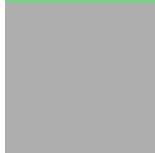
50.6918, 0.2736, 0.3512

Monochromacy



Original Color

51.0843, 0.2973, 0.4318



Achromatopsia

42.3268, 0.3127, 0.3290



Achromatomaly

44.6596, 0.3061, 0.3645

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.0843, 0.2973, 0.4318 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(122, 208, 138)` looks like.

```
.text, #text, p{  
    color:rgb(122, 208, 138)  
}
```

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(122, 208, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 208, 138) }
```

Border

The CSS property to change the border of an element to Yxy 51.0843, 0.2973, 0.4318 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(122, 208, 138) }
```

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

```
.border{ border-color:rgb(122, 208, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 208, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 208, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 208, 138);  
box-shadow:4px 4px 4px 4px rgb(122, 208,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 51.0843, 0.2973, 0.4318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 208, 138) }
```

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

```
.background{ background-color: rgb(122,  
208, 138) }
```

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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