

Converting Colors

$Yxy(41.0712, 0.3000, 0.3995)$

Have a look what the booklet for
Yxy(41.0712, 0.3000, 0.3995)
contains.

Yxy(41.1512, 0.3007, 0.4003)	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(41.1512, 0.3007, 0.4003)

Conversions

Conversions Part 1

Format	Color
Hex	80B98B
RGB	128, 185, 139
RGB Percent	50%, 73%, 55%
CMY	0.4980, 0.2745, 0.4549
CMYK	0.31, 0.00, 0.25, 0.27
HSL	132°, 29%, 61%
HSV	132°, 31%, 73%
XYZ	30.9122, 41.1512, 30.7375
YIQ	162.7130, -19.2060, -26.3900

Conversions

Conversions Part 2

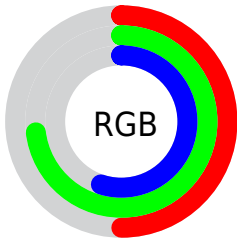
Format	Color
RYB	128, 176, 185
Decimal	8436107
CIELab	70.28, -28.06, 17.56
CIElCh	70, 33.099, 147.954
Yxy	41.1512, 0.3007, 0.4003
Android (android.graphics.Color)	4286626187 (0xFF80B98B)
YUV	162.7130, -11.6905, -30.4433
Hunter-Lab	64.1492, -26.2455, 16.4953

Details

The Yxy color **41.1512, 0.3007, 0.4003** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **28.8131, 0.3277, 0.2669**, and the grayscale version is **36.5482, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.7059, 0.3031, 0.3852**, and **18.7603, 0.2950, 0.4246** is the 20% darker color. If you saturate the color by 10%, you get **39.4394, 0.2972, 0.4284**, and if you desaturate by 10%, it is **43.1877, 0.3045, 0.3745**.

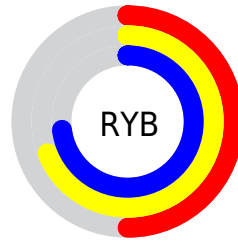
Distribution



Red (50%)

Green (73%)

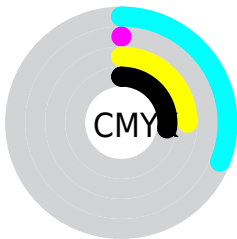
Blue (55%)



Red (50%)

Yellow (69%)

Blue (73%)

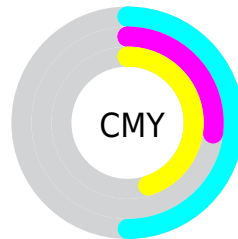


Cyan (31%)

Magenta (0%)

Yellow (25%)

Black (27%)



Cyan (50%)


Magenta (27%)


Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.1512, 0.3007, 0.4003 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 41.1512, 0.3007, 0.4003 by changing the saturation by 10% instead.


 41.1512, 0.3007,
0.4003

 41.1512, 0.3007,
0.4003


350.9522, 0.3076,
0.3623

 28.4372, 0.2986,
0.4106


 76.9134, 0.3035,
0.3859

 18.6555, 0.2957,
0.4243


 100.7304, 0.3044,
0.3807

 11.4216, 0.2914,
0.4433


 129.0172, 0.3052,
0.3764

 6.3512, 0.2846,
0.4718

162.1582, 0.3059,
0.3727

 3.0598, 0.2721,
0.5180

200.5378, 0.3064,
0.3695

 1.1630, 0.2526,
0.7400

244.5404, 0.3069,

 0.0312, 0.0000,

0.3668

1.0000

294.5504, 0.3073,
0.3644

0.0000, 0.0000,
0.0000

41.1512, 0.3007,
0.4003

41.1512, 0.3007,
0.4003

39.4394, 0.2972,
0.4284

43.1877, 0.3045,
0.3745

38.0304, 0.2943,
0.4581

45.5591, 0.3085,
0.3512

36.9078, 0.2922,
0.4883


48.2815, 0.3124,
0.3305

36.0516, 0.2912,
0.5174

51.3685, 0.3162,
0.3125


35.4389, 0.2915,
0.5438

54.8330, 0.3199,
0.2967

 35.0431, 0.2929,
0.5657

 58.6871, 0.3233,
0.2830

 34.8240, 0.2948,
0.5812

 62.4625, 0.3245,
0.2708

 63.1788, 0.3159,
0.2604

Harmonies

Analogous

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



41.1512, 0.3483, 0.4165



41.1512, 0.3007, 0.4003



41.1512, 0.2584, 0.3595

Triad

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



41.1512, 0.3007, 0.4003



41.1512, 0.2395, 0.2544



41.1512, 0.4009, 0.3361

Complementary

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



41.1512, 0.3007, 0.4003



28.8131, 0.3277, 0.2669

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.



41.1512, 0.3672, 0.2992



41.1512, 0.3007, 0.4003



41.1512, 0.2727, 0.2538

Square

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



41.1512, 0.3007, 0.4003



41.1512, 0.2252, 0.2739



41.1512, 0.3192, 0.2700



41.1512, 0.4083, 0.3741

Rectangle

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



41.1512, 0.3007, 0.4003



41.1512, 0.2384, 0.3271



41.1512, 0.3192, 0.2700



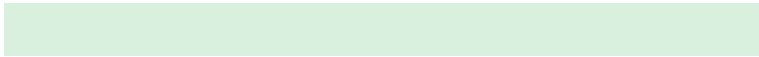
41.1512, 0.3922, 0.3233

Sweetspot

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



41.1529, 0.3007, 0.4003



82.3579, 0.3091, 0.3476



45.3201, 0.3489, 0.4073



17.6106, 0.3086, 0.3507



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



41.1529, 0.3007, 0.4003



71.5550, 0.2983, 0.4192



42.0774, 0.2811, 0.3560



10.0877, 0.3091, 0.3480



23.7198, 0.2943, 0.5794



0.8447, 0.2813, 0.5328

Inverse Universe

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



28.8131, 0.3277, 0.2669



45.9162, 0.3319, 0.2532



27.8335, 0.3594, 0.3038



9.1323, 0.3166, 0.3107



8.5185, 0.3758, 0.1844



0.3080, 0.3592, 0.1753

Previews

White Background



This preview shows how the Yxy color 41.1512, 0.3007, 0.4003 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 41.1512, 0.3007, 0.4003 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 41.1512, 0.3007, 0.4003

Background



This preview shows how black text looks on a background with the Yxy color 41.1512, 0.3007, 0.4003.



This preview shows how white text looks on a background with the Yxy color 41.1512, 0.3007, 0.4003.

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

41.1512, 0.3007, 0.4003

Protanopia

40.8590, 0.3582, 0.3825

Deuteranopia

40.7638, 0.3639, 0.3580



Tritanopia

41.0498, 0.2703, 0.3090

Trichromacy



Original Color

41.1512, 0.3007, 0.4003

Protanomaly

40.5865, 0.3350, 0.3884

Deuteranomaly

40.2287, 0.3384, 0.3715

Tritanomaly

41.1332, 0.2808, 0.3407

Monochromacy



Original Color

41.1512, 0.3007, 0.4003

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

37.9429, 0.3079, 0.3544

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.1512, 0.3007, 0.4003 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(128, 185, 139)` looks like.

```
.text, #text, p{  
    color:rgb(128, 185, 139)  
}
```

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(128, 185, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 185, 139) }
```

Border

The CSS property to change the border of an element to Yxy 41.1512, 0.3007, 0.4003 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(128, 185, 139) }
```

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

```
.border{ border-color:rgb(128, 185, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 185, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 185, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 185, 139);  
box-shadow:4px 4px 4px 4px rgb(128, 185,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 41.1512, 0.3007, 0.4003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 185, 139) }
```

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

```
.background{ background-color: rgb(128,  
185, 139) }
```

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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