

Converting Colors

Yxy(41.1365, 0.3329, 0.4130)

Have a look what the booklet for
Yxy(41.1365, 0.3329, 0.4130)
contains.

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Color

Yxy(41.1784, 0.3326, 0.4136)

Conversions

Conversions Part 1

Format	Color
Hex	98B57C
RGB	152, 181, 124
RGB Percent	60%, 71%, 49%
CMY	0.4038, 0.2902, 0.5138
CMYK	0.16, 0.00, 0.31, 0.29
HSL	90°, 28%, 60%
HSV	90°, 31%, 71%
XYZ	33.1140, 41.1784, 25.2686
YIQ	165.8310, 1.0130, -23.8750

Conversions

Conversions Part 2

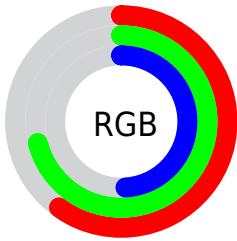
Format	Color
RYB	124, 181, 153
Decimal	10007932
CIELab	70.30, -20.16, 25.89
CIELCh	70, 32.813, 127.908
Yxy	41.1784, 0.3326, 0.4136
Android (android.graphics.Color)	4288198012 (0xFF98B57C)
YUV	165.8310, -20.6227, -12.1298
Hunter-Lab	64.1704, -20.1865, 21.5725

Details

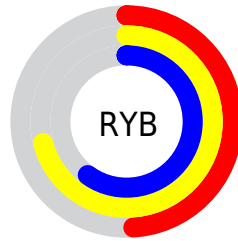
The Yxy color **41.1784, 0.3326, 0.4136** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **24.5184, 0.2864, 0.2449**, and the grayscale version is **38.1510, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.0081, 0.3296, 0.3968**, and **18.6421, 0.3369, 0.4420** is the 20% darker color. If you saturate the color by 10%, you get **39.9098, 0.3378, 0.4433**, and if you desaturate by 10%, it is **42.6035, 0.3266, 0.3848**.

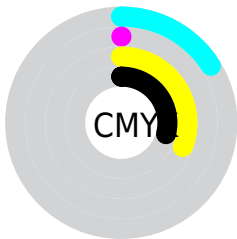
Distribution



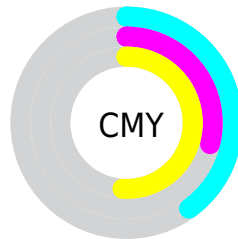
- Red (60%)
- Green (71%)
- Blue (49%)



- Red (49%)
- Yellow (71%)
- Blue (60%)



- Cyan (16%)
- Magenta (0%)
- Yellow (31%)
- Black (29%)




- Cyan (40%)
- Magenta (29%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.1784, 0.3326, 0.4136 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 41.1784, 0.3326, 0.4136 by changing the saturation by 10% instead.


 41.1784, 0.3326,
0.4136


 41.1784, 0.3326,
0.4136


351.0657, 0.3235,
0.3689

 28.4585, 0.3345,
0.4255


 76.9546, 0.3295,
0.3968

 18.6716, 0.3366,
0.4411


 100.7798, 0.3283,
0.3907

 11.4332, 0.3389,
0.4625


 129.0754, 0.3272,
0.3856

 6.3590, 0.3408,
0.4935

162.2261, 0.3263,
0.3812

 3.0646, 0.3422,
0.5446

200.6160, 0.3255,
0.3775

 1.1655, 0.3367,
0.6633

244.6296, 0.3247,

 0.0333, 0.0000,

0.3743

1.0000

294.6514, 0.3241,
0.3714

■ 0.0000, 0.0000,
0.0000

■ 41.1784, 0.3326,
0.4136

■ 41.1784, 0.3326,
0.4136

■ 39.9098, 0.3378,
0.4433

■ 42.6035, 0.3266,
0.3848

■ 38.7862, 0.3419,
0.4728

■ 44.1854, 0.3202,
0.3577

■ 37.8027, 0.3444,
0.5009


■ 45.9314, 0.3137,
0.3326


■ 36.9520, 0.3450,
0.5261


■ 47.8467, 0.3073,
0.3097

■ 36.2259, 0.3435,
0.5468

■ 49.9360, 0.3010,
0.2890

 35.6150, 0.3398,
0.5622

 52.2042, 0.2951,
0.2704

 35.1715, 0.3356,
0.5717

 54.6556, 0.2896,
0.2539

 56.3742, 0.2936,
0.2514

 57.8982, 0.3005,
0.2530

Harmonies

Analogous

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



41.1784, 0.3761, 0.4105



41.1784, 0.3326, 0.4136



41.1784, 0.2857, 0.3882

Triad

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



41.1784, 0.3326, 0.4136



41.1784, 0.2284, 0.2659



41.1784, 0.3801, 0.3111

Complementary

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



41.1784, 0.3326, 0.4136



24.5184, 0.2864, 0.2449

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.



41.1784, 0.3355, 0.2789



41.1784, 0.3326, 0.4136



41.1784, 0.2492, 0.2528

Square

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



41.1784, 0.3326, 0.4136



41.1784, 0.2279, 0.2977



41.1784, 0.2873, 0.2580



41.1784, 0.4057, 0.3489

Rectangle

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



41.1784, 0.3326, 0.4136



41.1784, 0.2589, 0.3593



41.1784, 0.2873, 0.2580



41.1784, 0.3667, 0.2994

Sweetspot

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



41.1802, 0.3326, 0.4136



79.8431, 0.3187, 0.3516



33.8963, 0.3707, 0.3696



17.1630, 0.3196, 0.3553



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.



41.1802, 0.3326, 0.4136



72.1024, 0.3364, 0.4347



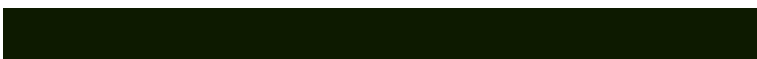
38.7868, 0.3084, 0.4202



9.6884, 0.3188, 0.3520



24.2880, 0.3365, 0.5710



0.7989, 0.3586, 0.5535

Inverse Universe

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



24.5184, 0.2864, 0.2449



37.4095, 0.2787, 0.2240



27.5731, 0.3163, 0.2521



8.4353, 0.3062, 0.3060



3.9095, 0.2053, 0.0905



0.1576, 0.2365, 0.1076

Previews

White Background



This preview shows how the Yxy color 41.1784, 0.3326, 0.4136 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 41.1784, 0.3326, 0.4136 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 41.1784, 0.3326, 0.4136

Background



This preview shows how black text looks on a background with the Yxy color 41.1784, 0.3326, 0.4136.



This preview shows how white text looks on a background with the Yxy color 41.1784, 0.3326, 0.4136.

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

41.1784, 0.3326, 0.4136

Protanopia

40.7962, 0.3707, 0.3984

Deuteranopia

40.6660, 0.3835, 0.3756



Tritanopia

41.0521, 0.2913, 0.3097

Trichromacy



Original Color

41.1784, 0.3326, 0.4136

Protanomaly

40.9247, 0.3565, 0.4051

Deuteranomaly

40.4721, 0.3640, 0.3879

Tritanomaly

41.0001, 0.3067, 0.3461

Monochromacy



Original Color

41.1784, 0.3326, 0.4136

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

38.9373, 0.3205, 0.3581

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.1784, 0.3326, 0.4136 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(152, 181, 124)` looks like.

```
.text, #text, p{  
    color:rgb(152, 181, 124)  
}
```

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(152, 181, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 181, 124) }
```

Border

The CSS property to change the border of an element to Yxy 41.1784, 0.3326, 0.4136 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(152, 181, 124) }
```

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

```
.border{ border-color:rgb(152, 181, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 181, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 181, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 181, 124);  
box-shadow:4px 4px 4px 4px rgb(152, 181,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 41.1784, 0.3326, 0.4136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 181, 124) }
```

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

```
.background{ background-color: rgb(152,  
181, 124) }
```

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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