

Converting Colors

$Yxy(41.1532, 0.3333, 0.4151)$

Have a look what the booklet for
Yxy(41.1532, 0.3333, 0.4151)
contains.

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Color

Yxy(41.1532, 0.3333, 0.4151)

Conversions

Conversions Part 1

Format	Color
Hex	98B57B
RGB	152, 181, 123
RGB Percent	60%, 71%, 48%
CMY	0.4041, 0.2901, 0.5176
CMYK	0.16, 0.00, 0.32, 0.29
HSL	90°, 28%, 60%
HSV	90°, 32%, 71%
XYZ	33.0435, 41.1532, 24.9437
YIQ	165.7170, 1.3340, -24.1860

Conversions

Conversions Part 2

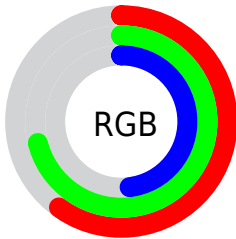
Format	Color
RYB	123, 181, 152
Decimal	10007931
CIELab	70.28, -20.33, 26.39
CIELCh	70, 33.313, 127.617
Yxy	41.1532, 0.3333, 0.4151
Android (android.graphics.Color)	4288198011 (0xFF98B57B)
YUV	165.7170, -21.0595, -12.0298
Hunter-Lab	64.1508, -20.3200, 21.8518

Details

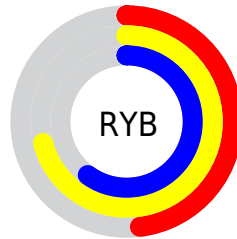
The Yxy color **41.1532, 0.3333, 0.4151** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **24.1863, 0.2854, 0.2432**, and the grayscale version is **38.0909, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.9684, 0.3302, 0.3980**, and **18.6287, 0.3379, 0.4440** is the 20% darker color. If you saturate the color by 10%, you get **39.9014, 0.3386, 0.4447**, and if you desaturate by 10%, it is **42.5593, 0.3272, 0.3863**.

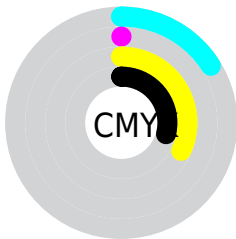
Distribution



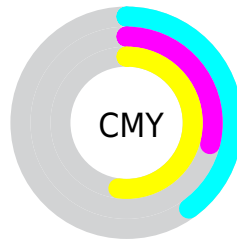
- Red (60%)
- Green (71%)
- Blue (48%)



- Red (48%)
- Yellow (71%)
- Blue (60%)



- Cyan (16%)
- Magenta (0%)
- Yellow (32%)
- Black (29%)





- Cyan (40%)
- Magenta (29%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.1532, 0.3333, 0.4151 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 41.1532, 0.3333, 0.4151 by changing the saturation by 10% instead.

 41.1532, 0.3333,
0.4151

 41.1532, 0.3333,
0.4151


350.9605, 0.3239,
0.3696


 28.4388, 0.3353,
0.4272


 76.9164, 0.3301,
0.3980

 18.6567, 0.3375,
0.4431


 100.7340, 0.3289,
0.3918

 11.4225, 0.3398,
0.4649


 129.0215, 0.3278,
0.3866

 6.3518, 0.3417,
0.4963

162.1632, 0.3268,
0.3821

 3.0601, 0.3435,
0.5489

200.5436, 0.3259,
0.3784

 1.1632, 0.3349,
0.6651

244.5470, 0.3252,

 0.0313, 0.0000,

0.3751

1.0000

294.5578, 0.3245,
0.3722

0.0000, 0.0000,
0.0000

41.1532, 0.3333,
0.4151

41.1532, 0.3333,
0.4151

39.9014, 0.3386,
0.4447

42.5593, 0.3272,
0.3863

38.7924, 0.3427,
0.4741

44.1199, 0.3207,
0.3591

37.8214, 0.3453,
0.5020


45.8423, 0.3141,
0.3339


36.9810, 0.3458,
0.5268


47.7316, 0.3075,
0.3109

36.2632, 0.3442,
0.5471


49.7926, 0.3012,
0.2900

 35.6585, 0.3405,
0.5621

 52.0299, 0.2951,
0.2714

 35.2444, 0.3366,
0.5709

 54.4479, 0.2895,
0.2547

 56.1976, 0.2927,
0.2513

 57.6890, 0.2996,
0.2528

Harmonies

Analogous

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



41.1532, 0.3774, 0.4116



41.1532, 0.3333, 0.4151



41.1532, 0.2857, 0.3896

Triad

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



41.1532, 0.3333, 0.4151



41.1532, 0.2271, 0.2652



41.1532, 0.3808, 0.3104

Complementary

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



41.1532, 0.3333, 0.4151



24.1863, 0.2854, 0.2432

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.



41.1532, 0.3353, 0.2779



41.1532, 0.3333, 0.4151



41.1532, 0.2480, 0.2518

Square

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



41.1532, 0.3333, 0.4151



41.1532, 0.2267, 0.2975



41.1532, 0.2865, 0.2569



41.1532, 0.4071, 0.3487

Rectangle

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



41.1532, 0.3333, 0.4151



41.1532, 0.2584, 0.3602



41.1532, 0.2865, 0.2569



41.1532, 0.3671, 0.2986

Sweetspot

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



41.1550, 0.3333, 0.4151



79.5624, 0.3195, 0.3542



33.7158, 0.3720, 0.3703



17.1075, 0.3204, 0.3578



91.1408, 0.3127, 0.3290



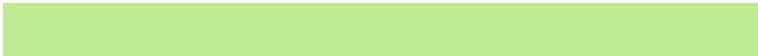
17.8868, 0.3127, 0.3290

Same Dimension

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



41.1550, 0.3333, 0.4151



72.1875, 0.3369, 0.4346



38.6947, 0.3084, 0.4220



9.6915, 0.3189, 0.3520



24.3345, 0.3375, 0.5702



0.8004, 0.3595, 0.5528

Inverse Universe

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



24.1863, 0.2854, 0.2432



37.3239, 0.2782, 0.2238



27.3306, 0.3164, 0.2507



8.4322, 0.3061, 0.3060



3.8620, 0.2039, 0.0897



0.1562, 0.2353, 0.1070

Previews

White Background



This preview shows how the Yxy color 41.1532, 0.3333, 0.4151 looks on a white background.

Color Contrast Check

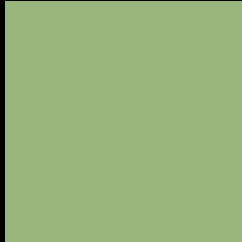
Large Text (above 18pt) WCAG AA × Fail

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 41.1532, 0.3333, 0.4151 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 41.1532, 0.3333, 0.4151

Background



This preview shows how black text looks on a background with the Yxy color 41.1532, 0.3333, 0.4151.



This preview shows how white text looks on a background with the Yxy color 41.1532, 0.3333, 0.4151.

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

41.1532, 0.3333, 0.4151

Protanopia

40.7720, 0.3716, 0.3997

Deuteranopia

40.7797, 0.3855, 0.3767



Tritanopia

41.0521, 0.2913, 0.3097

Trichromacy



Original Color

41.1532, 0.3333, 0.4151

Protanomaly

40.9002, 0.3573, 0.4065

Deuteranomaly

40.4462, 0.3648, 0.3893

Tritanomaly

41.0001, 0.3067, 0.3461

Monochromacy



Original Color

41.1532, 0.3333, 0.4151

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

38.9049, 0.3213, 0.3596

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.1532, 0.3333, 0.4151 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, 123)` looks like.

```
.text, #text, p{  
    color:rgb(152, 181, 123)  
}
```

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, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 181, 123) }
```

Border

The CSS property to change the border of an element to Yxy 41.1532, 0.3333, 0.4151 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, 123) }
```

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

```
.border{ border-color:rgb(152, 181, 123) }
```

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, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 181, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 181, 123);  
box-shadow:4px 4px 4px 4px rgb(152, 181,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 41.1532, 0.3333, 0.4151 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, 123) }
```

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

```
.background{ background-color: rgb(152,  
181, 123) }
```

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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