

Converting Colors

$Yxy(40.0502, 0.3309, 0.4052)$

Have a look what the booklet for
Yxy(40.0502, 0.3309, 0.4052)
contains.

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Color

Yxy(40.0485, 0.3309, 0.4052)

Conversions

Conversions Part 1

Format	Color
Hex	98B27F
RGB	152, 178, 127
RGB Percent	60%, 70%, 50%
CMY	0.4038, 0.3020, 0.5020
CMYK	0.15, 0.00, 0.29, 0.30
HSL	91°, 25%, 60%
HSV	91°, 29%, 70%
XYZ	32.7050, 40.0485, 26.0829
YIQ	164.4120, 0.8750, -21.3730

Conversions

Conversions Part 2

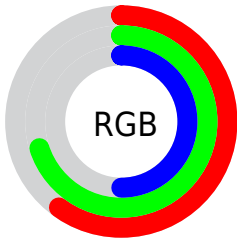
Format	Color
RYB	127, 178, 153
Decimal	10007167
CIELab	69.50, -18.18, 23.21
CIELCh	70, 29.482, 128.073
Yxy	40.0485, 0.3309, 0.4052
Android (android.graphics.Color)	4288197247 (0xFF98B27F)
YUV	164.4120, -18.4441, -10.8853
Hunter-Lab	63.2839, -18.4984, 19.8619

Details

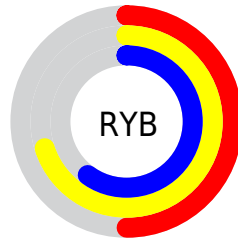
The Yxy color **40.0485, 0.3309, 0.4052** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **25.1594, 0.2893, 0.2532**, and the grayscale version is **37.4239, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.4063, 0.3281, 0.3903**, and **17.9124, 0.3349, 0.4307** is the 20% darker color. If you saturate the color by 10%, you get **38.7851, 0.3364, 0.4347**, and if you desaturate by 10%, it is **41.4642, 0.3248, 0.3769**.

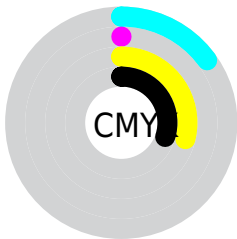
Distribution



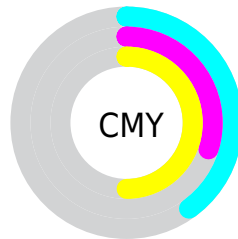
- Red (60%)
- Green (70%)
- Blue (50%)



- Red (50%)
- Yellow (70%)
- Blue (60%)



- Cyan (15%)
- Magenta (0%)
- Yellow (29%)
- Black (30%)




- Cyan (40%)
- Magenta (30%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 40.0485, 0.3309, 0.4052 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 40.0485, 0.3309, 0.4052 by changing the saturation by 10% instead.

 40.0485, 0.3309,
0.4052

 40.0485, 0.3309,
0.4052


346.3279, 0.3224,
0.3649


 27.5764, 0.3327,
0.4160


 75.2374, 0.3280,
0.3900

 18.0066, 0.3349,
0.4302


 98.7229, 0.3269,
0.3845

 10.9547, 0.3373,
0.4498


 126.6483, 0.3259,
0.3799

 6.0364, 0.3397,
0.4784

159.3980, 0.3250,
0.3759

 2.8672, 0.3415,
0.5251

197.3565, 0.3242,
0.3726

 1.0628, 0.3436,
0.6564

240.9080, 0.3235,

 0.0000, 0.0000,

0.3697

0.0000

290.4370, 0.3229,
0.3671

■ 40.0485, 0.3309,
0.4052

■ 40.0485, 0.3309,
0.4052

■ 38.7851, 0.3364,
0.4347

■ 41.4642, 0.3248,
0.3769

■ 37.6629, 0.3408,
0.4644

■ 43.0323, 0.3183,
0.3503

■ 36.6774, 0.3438,
0.4930

■ 44.7598, 0.3118,
0.3258

■ 35.8219, 0.3450,
0.5191

■ 46.6515, 0.3055,
0.3036

■ 35.0887, 0.3440,
0.5413

■ 48.7121, 0.2994,
0.2836

■ 34.4692, 0.3410,
0.5583

■ 50.9459, 0.2936,
0.2656

■ 33.9495, 0.3362,
0.5703

■ 53.3573, 0.2881,
0.2496

■ 33.8846, 0.3356,
0.5718

■ 54.9884, 0.2927,
0.2481

■ 56.4791, 0.2996,
0.2497

Harmonies

Analogous

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



40.0485, 0.3704, 0.4032



40.0485, 0.3309, 0.4052



40.0485, 0.2882, 0.3821

Triad

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



40.0485, 0.3309, 0.4052



40.0485, 0.2357, 0.2716



40.0485, 0.3740, 0.3131

Complementary

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



40.0485, 0.3309, 0.4052



25.1594, 0.2893, 0.2532

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.



40.0485, 0.3338, 0.2833



40.0485, 0.3309, 0.4052



40.0485, 0.2550, 0.2594

Square

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



40.0485, 0.3309, 0.4052



40.0485, 0.2352, 0.3007



40.0485, 0.2900, 0.2641



40.0485, 0.3970, 0.3478

Rectangle

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



40.0485, 0.3309, 0.4052



40.0485, 0.2637, 0.3562



40.0485, 0.2900, 0.2641



40.0485, 0.3619, 0.3023

Sweetspot

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



40.0502, 0.3309, 0.4052



77.8911, 0.3187, 0.3516



33.6143, 0.3645, 0.3657



17.1624, 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.



40.0502, 0.3309, 0.4052



71.2390, 0.3343, 0.4226



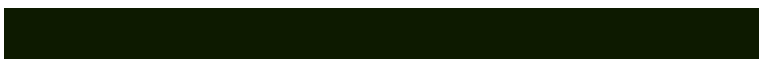
37.8828, 0.3089, 0.4106



9.6881, 0.3188, 0.3520



24.2835, 0.3364, 0.5711



0.7988, 0.3585, 0.5535

Inverse Universe

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



25.1594, 0.2893, 0.2532



40.0397, 0.2832, 0.2360



27.8562, 0.3160, 0.2590



8.4356, 0.3062, 0.3060



3.9142, 0.2055, 0.0906



0.1578, 0.2366, 0.1077

Previews

White Background



This preview shows how the Yxy color 40.0485, 0.3309, 0.4052 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 40.0485, 0.3309, 0.4052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

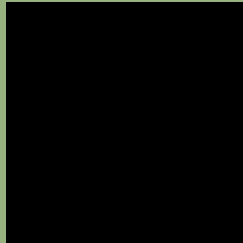
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.0485, 0.3309, 0.4052

Background



This preview shows how black text looks on a background with the Yxy color 40.0485, 0.3309, 0.4052.



This preview shows how white text looks on a background with the Yxy color 40.0485, 0.3309, 0.4052.

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

40.0485, 0.3309, 0.4052

Protanopia

39.7511, 0.3659, 0.3925

Deuteranopia

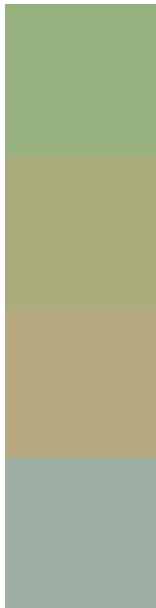
39.9482, 0.3791, 0.3723



Tritanopia

40.1636, 0.2935, 0.3109

Trichromacy



Original Color

40.0485, 0.3309, 0.4052

Protanomaly

39.6182, 0.3530, 0.3975

Deuteranomaly

39.5353, 0.3609, 0.3830

Tritanomaly

40.1855, 0.3076, 0.3448

Monochromacy



Original Color

40.0485, 0.3309, 0.4052

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

38.0839, 0.3198, 0.3553

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.0485, 0.3309, 0.4052 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, 178, 127)` looks like.

```
.text, #text, p{  
    color:rgb(152, 178, 127)  
}
```

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, 178, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 178, 127) }
```

Border

The CSS property to change the border of an element to Yxy 40.0485, 0.3309, 0.4052 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, 178, 127) }
```

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

```
.border{ border-color:rgb(152, 178, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 178, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 178, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 178, 127);  
box-shadow:4px 4px 4px 4px rgb(152, 178,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 40.0485, 0.3309, 0.4052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 178, 127) }
```

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

```
.background{ background-color: rgb(152,  
178, 127) }
```

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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