

Converting Colors

$Yxy(39.9203, 0.3285, 0.4002)$

Have a look what the booklet for
Yxy(39.9203, 0.3285, 0.4002)
contains.

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Color

Yxy(40.1279, 0.3285, 0.4006)

Conversions

Conversions Part 1

Format	Color
Hex	98B282
RGB	152, 178, 130
RGB Percent	60%, 70%, 51%
CMY	0.4037, 0.3020, 0.4901
CMYK	0.15, 0.00, 0.27, 0.30
HSL	92°, 24%, 60%
HSV	92°, 27%, 70%
XYZ	32.9057, 40.1279, 27.1359
YIQ	164.7540, -0.0880, -20.4400

Conversions

Conversions Part 2

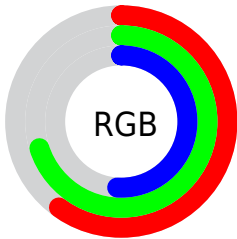
Format	Color
RYB	130, 178, 156
Decimal	10007170
CIELab	69.56, -17.71, 21.66
CIELCh	70, 27.976, 129.273
Yxy	40.1279, 0.3285, 0.4006
Android (android.graphics.Color)	4288197250 (0xFF98B282)
YUV	164.7540, -17.1337, -11.1853
Hunter-Lab	63.3466, -18.1339, 18.9444

Details

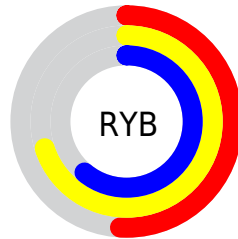
The Yxy color **40.1279, 0.3285, 0.4006** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **26.2484, 0.2926, 0.2584**, and the grayscale version is **37.5914, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.5299, 0.3263, 0.3868**, and **17.9557, 0.3318, 0.4244** is the 20% darker color. If you saturate the color by 10%, you get **38.8003, 0.3336, 0.4303**, and if you desaturate by 10%, it is **41.6171, 0.3228, 0.3723**.

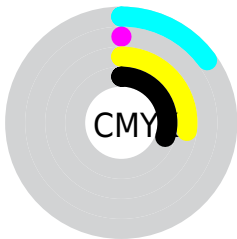
Distribution



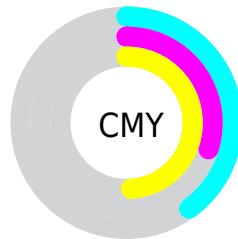
- Red (60%)
- Green (70%)
- Blue (51%)



- Red (51%)
- Yellow (70%)
- Blue (61%)



- Cyan (15%)
- Magenta (0%)
- Yellow (27%)
- Black (30%)





- Cyan (40%)
- Magenta (30%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.1279, 0.3285, 0.4006 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 40.1279, 0.3285, 0.4006 by changing the saturation by 10% instead.


 40.1279, 0.3285,
0.4006


 40.1279, 0.3285,
0.4006


346.6624, 0.3211,
0.3627

 27.6383, 0.3301,
0.4107


 75.3582, 0.3260,
0.3864

 18.0532, 0.3320,
0.4241


 98.8677, 0.3250,
0.3812

 10.9882, 0.3341,
0.4426


 126.8193, 0.3241,
0.3768

 6.0589, 0.3361,
0.4696

159.5974, 0.3234,
0.3731

 2.8809, 0.3372,
0.5127

197.5863, 0.3227,
0.3700

 1.0699, 0.3490,
0.6510

241.1706, 0.3221,

 0.0000, 0.0000,

0.3673

0.0000

290.7344, 0.3216,
0.3649

■ 40.1279, 0.3285,
0.4006

■ 40.1279, 0.3285,
0.4006

■ 38.8003, 0.3336,
0.4303

■ 41.6171, 0.3228,
0.3723

■ 37.6230, 0.3377,
0.4604

■ 43.2683, 0.3169,
0.3460

■ 36.5913, 0.3405,
0.4898

■ 45.0886, 0.3109,
0.3219

■ 35.6982, 0.3416,
0.5170

■ 47.0832, 0.3050,
0.3001

■ 34.9357, 0.3406,
0.5405

■ 49.2568, 0.2994,
0.2805

■ 34.2953, 0.3377,
0.5589

■ 51.6142, 0.2941,
0.2631

■ 33.7649, 0.3329,
0.5717

■ 54.1598, 0.2891,
0.2475

■ 33.6193, 0.3314,
0.5751

■ 55.7252, 0.2961,
0.2489

■ 57.3535, 0.3035,
0.2506

Harmonies

Analogous

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



40.1279, 0.3663, 0.3999



40.1279, 0.3285, 0.4006



40.1279, 0.2880, 0.3779

Triad

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



40.1279, 0.3285, 0.4006



40.1279, 0.2398, 0.2737



40.1279, 0.3721, 0.3152

Complementary

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



40.1279, 0.3285, 0.4006



26.2484, 0.2926, 0.2584

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.



40.1279, 0.3345, 0.2865



40.1279, 0.3285, 0.4006



40.1279, 0.2589, 0.2626

Square

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



40.1279, 0.3285, 0.4006



40.1279, 0.2386, 0.3010



40.1279, 0.2928, 0.2676



40.1279, 0.3930, 0.3485

Rectangle

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



40.1279, 0.3285, 0.4006



40.1279, 0.2650, 0.3532



40.1279, 0.2928, 0.2676



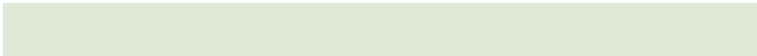
40.1279, 0.3608, 0.3049

Sweetspot

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



40.1296, 0.3285, 0.4006



78.1013, 0.3176, 0.3490



34.7205, 0.3603, 0.3657



17.2009, 0.3185, 0.3529



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.



40.1296, 0.3285, 0.4006



71.3949, 0.3314, 0.4171



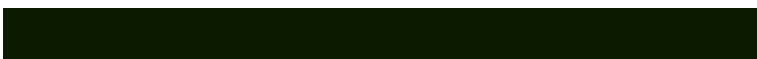
38.2404, 0.3079, 0.4024



9.6748, 0.3183, 0.3521



24.0939, 0.3322, 0.5744



0.7929, 0.3550, 0.5563

Inverse Universe

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



26.2484, 0.2926, 0.2584



42.2122, 0.2874, 0.2424



28.5842, 0.3174, 0.2652



8.4489, 0.3067, 0.3061



4.1275, 0.2119, 0.0941



0.1641, 0.2418, 0.1106

Previews

White Background



This preview shows how the Yxy color 40.1279, 0.3285, 0.4006 looks on a white background.

Color Contrast Check

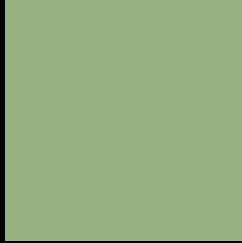
Large Text (above 18pt) WCAG AA × Fail

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 40.1279, 0.3285, 0.4006 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

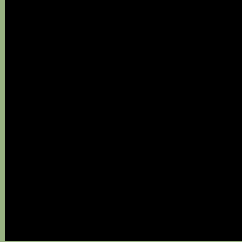
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.1279, 0.3285, 0.4006

Background



This preview shows how black text looks on a background with the Yxy color 40.1279, 0.3285, 0.4006.



This preview shows how white text looks on a background with the Yxy color 40.1279, 0.3285, 0.4006.

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

40.1279, 0.3285, 0.4006

Protanopia

39.8274, 0.3632, 0.3884

Deuteranopia

39.8936, 0.3752, 0.3685



Tritanopia

40.0601, 0.2926, 0.3109

Trichromacy



Original Color

40.1279, 0.3285, 0.4006

Protanomaly

39.6953, 0.3505, 0.3932

Deuteranomaly

39.4950, 0.3572, 0.3790

Tritanomaly

40.1205, 0.3059, 0.3434

Monochromacy



Original Color

40.1279, 0.3285, 0.4006

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

38.4900, 0.3188, 0.3553

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.1279, 0.3285, 0.4006 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, 130)` looks like.

```
.text, #text, p{  
    color:rgb(152, 178, 130)  
}
```

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, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 178, 130) }
```

Border

The CSS property to change the border of an element to Yxy 40.1279, 0.3285, 0.4006 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, 130) }
```

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

```
.border{ border-color:rgb(152, 178, 130) }
```

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, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 178, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 178, 130);  
box-shadow:4px 4px 4px 4px rgb(152, 178,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 40.1279, 0.3285, 0.4006 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, 130) }
```

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

```
.background{ background-color: rgb(152,  
178, 130) }
```

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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