

Converting Colors

$Yxy(41.1761, 0.3472, 0.4380)$

Have a look what the booklet for
Yxy(41.1761, 0.3472, 0.4380)
contains.

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Color

Yxy(40.9793, 0.3473, 0.4379)

Conversions

Conversions Part 1

Format	Color
Hex	9AB56B
RGB	154, 181, 107
RGB Percent	60%, 71%, 42%
CMY	0.3961, 0.2902, 0.5805
CMYK	0.15, 0.00, 0.41, 0.29
HSL	82°, 33%, 56%
HSV	82°, 41%, 71%
XYZ	32.5008, 40.9793, 20.1013
YIQ	164.4910, 7.6620, -28.7380

Conversions

Conversions Part 2

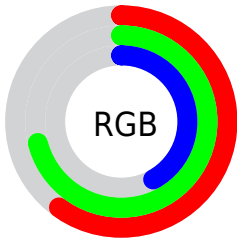
Format	Color
RYB	107, 181, 134
Decimal	10138987
CIELab	70.16, -21.74, 34.67
CIELCh	70, 40.928, 122.093
Yxy	40.9793, 0.3473, 0.4379
Android (android.graphics.Color)	4288329067 (0xFF9AB56B)
YUV	164.4910, -28.3431, -9.2006
Hunter-Lab	64.0151, -21.4009, 26.1930

Details

The Yxy color **40.9793, 0.3473, 0.4379** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **18.9174, 0.2648, 0.2138**, and the grayscale version is **37.5045, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.6269, 0.3420, 0.4170**, and **18.5105, 0.3533, 0.4721** is the 20% darker color. If you saturate the color by 10%, you get **40.0086, 0.3539, 0.4653**, and if you desaturate by 10%, it is **42.0691, 0.3396, 0.4099**.

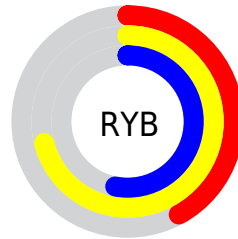
Distribution



Red (60%)

Green (71%)

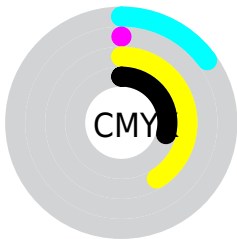
Blue (42%)



Red (42%)

Yellow (71%)

Blue (53%)

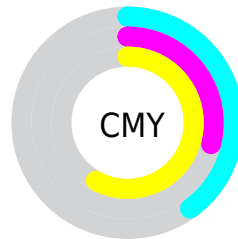


Cyan (15%)

Magenta (0%)

Yellow (41%)

Black (29%)



Cyan (40%)


Magenta (29%)

Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.9793, 0.3473, 0.4379 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 40.9793, 0.3473, 0.4379 by changing the saturation by 10% instead.


 40.9793, 0.3473,
0.4379


 40.9793, 0.3473,
0.4379


350.2341, 0.3315,
0.3805


 28.3029, 0.3505,
0.4529


 76.6525, 0.3420,
0.4165


 18.5541, 0.3540,
0.4725


 100.4180, 0.3399,
0.4086

 11.3485, 0.3575,
0.4988


 128.6488, 0.3380,
0.4020

 6.3018, 0.3597,
0.5355

 161.7291, 0.3364,
0.3964

 3.0294, 0.3767,
0.6220

200.0434, 0.3350,
0.3916

 1.1471, 0.3194,
0.6806

243.9761, 0.3337,

 0.0179, 0.0000,

0.3874

1.0000

293.9115, 0.3325,
0.3837

0.0000, 0.0000,
0.0000

40.9793, 0.3473,
0.4379

40.9793, 0.3473,
0.4379

40.0086, 0.3539,
0.4653

42.0691, 0.3396,
0.4099

39.1459, 0.3588,
0.4910

43.2776, 0.3311,
0.3823

38.3870, 0.3616,
0.5137


44.6116, 0.3223,
0.3559

37.7247, 0.3620,
0.5323

46.0754, 0.3135,
0.3311


37.1511, 0.3601,
0.5460


47.6732, 0.3049,
0.3082

 36.6913, 0.3567,
0.5550

 49.4092, 0.2967,
0.2873

 51.2871, 0.2889,
0.2684

 53.3106, 0.2817,
0.2513

 54.4866, 0.2845,
0.2494

Harmonies

Analogous

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



40.9793, 0.3990, 0.4249



40.9793, 0.3473, 0.4379



40.9793, 0.2890, 0.4135

Triad

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



40.9793, 0.3473, 0.4379



40.9793, 0.2077, 0.2561



40.9793, 0.3874, 0.2979

Complementary

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



40.9793, 0.3473, 0.4379



18.9174, 0.2648, 0.2138

Split Complementary

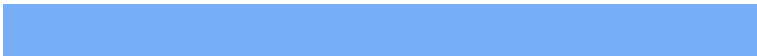
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



40.9793, 0.3286, 0.2616



40.9793, 0.3473, 0.4379



40.9793, 0.2279, 0.2369

Square

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



40.9793, 0.3473, 0.4379



40.9793, 0.2115, 0.2986



40.9793, 0.2703, 0.2398



40.9793, 0.4255, 0.3425

Rectangle

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



40.9793, 0.3473, 0.4379



40.9793, 0.2544, 0.3786



40.9793, 0.2703, 0.2398



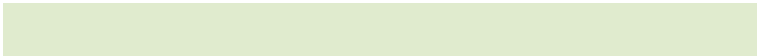
40.9793, 0.3690, 0.2846

Sweetspot

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



40.9811, 0.3473, 0.4379



79.5647, 0.3234, 0.3593



27.6315, 0.3992, 0.3666



17.1291, 0.3246, 0.3626



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.



40.9811, 0.3473, 0.4379



71.8244, 0.3532, 0.4624



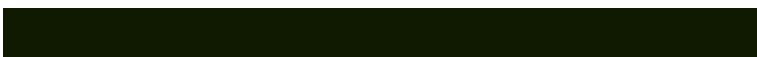
37.9704, 0.3157, 0.4496



9.7485, 0.3209, 0.3519



25.3316, 0.3575, 0.5543



0.8287, 0.3752, 0.5403

Inverse Universe

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



18.9174, 0.2648, 0.2138



26.9641, 0.2513, 0.1860



22.3838, 0.3046, 0.2261



8.3762, 0.3040, 0.3059



3.1366, 0.1804, 0.0768



0.1324, 0.2143, 0.0954

Previews

White Background



This preview shows how the Yxy color 40.9793, 0.3473, 0.4379 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 40.9793, 0.3473, 0.4379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

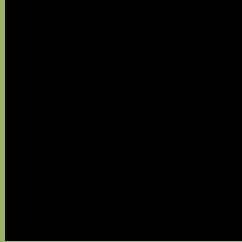
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.9793, 0.3473, 0.4379

Background



This preview shows how black text looks on a background with the Yxy color 40.9793, 0.3473, 0.4379.



This preview shows how white text looks on a background with the Yxy color 40.9793, 0.3473, 0.4379.

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

40.9793, 0.3473, 0.4379

Protanopia

40.6699, 0.3871, 0.4198

Deuteranopia

40.8204, 0.4033, 0.3958



Tritanopia

41.0072, 0.2961, 0.3112

Trichromacy



Original Color

40.9793, 0.3473, 0.4379

Protanomaly

40.7734, 0.3723, 0.4275

Deuteranomaly

40.4400, 0.3818, 0.4098

Tritanomaly

40.6713, 0.3150, 0.3548

Monochromacy



Original Color

40.9793, 0.3473, 0.4379

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

38.2062, 0.3265, 0.3687

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.9793, 0.3473, 0.4379 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(154, 181, 107)` looks like.

```
.text, #text, p{  
    color:rgb(154, 181, 107)  
}
```

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(154, 181, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 181, 107) }
```

Border

The CSS property to change the border of an element to Yxy 40.9793, 0.3473, 0.4379 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(154, 181, 107) }
```

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

```
.border{ border-color:rgb(154, 181, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 181, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 181, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 181, 107);  
box-shadow:4px 4px 4px 4px rgb(154, 181,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 40.9793, 0.3473, 0.4379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 181, 107) }
```

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

```
.background{ background-color: rgb(154,  
181, 107) }
```

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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