

Converting Colors

$Yxy(40.9154, 0.3410, 0.4299)$

Have a look what the booklet for
Yxy(40.9154, 0.3410, 0.4299)
contains.

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Color

Yxy(40.9154, 0.3410, 0.4299)

Conversions

Conversions Part 1

Format	Color
Hex	98B571
RGB	152, 181, 113
RGB Percent	60%, 71%, 44%
CMY	0.4039, 0.2902, 0.5569
CMYK	0.16, 0.00, 0.38, 0.29
HSL	86°, 31%, 58%
HSV	86°, 38%, 71%
XYZ	32.4544, 40.9154, 21.8044
YIQ	164.5770, 4.5440, -27.2960

Conversions

Conversions Part 2

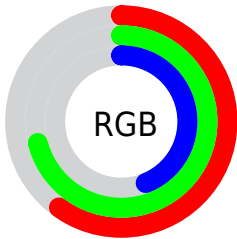
Format	Color
R_{YB}	113, 181, 142
Decimal	10007921
CIE Lab	70.12, -21.72, 31.47
CIE LCh	70, 38.234, 124.613
Yxy	40.9154, 0.3410, 0.4299
Android (android.graphics.Color)	4288198001 (0xFF98B571)
YUV	164.5770, -25.4275, -11.0300
Hunter-Lab	63.9651, -21.3723, 24.5648

Details

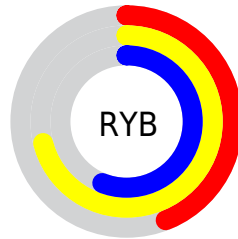
The Yxy color **40.9154, 0.3410, 0.4299** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **20.8914, 0.2740, 0.2254**, and the grayscale version is **37.5372, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.5869, 0.3363, 0.4095**, and **18.5178, 0.3465, 0.4617** is the 20% darker color. If you saturate the color by 10%, you get **39.8290, 0.3470, 0.4585**, and if you desaturate by 10%, it is **42.1351, 0.3340, 0.4013**.

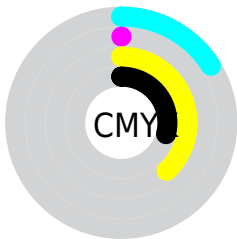
Distribution



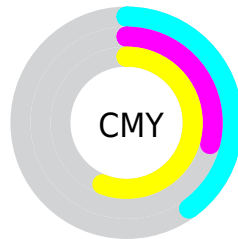
- Red (60%)
- Green (71%)
- Blue (44%)



- Red (44%)
- Yellow (71%)
- Blue (56%)



- Cyan (16%)
- Magenta (0%)
- Yellow (38%)
- Black (29%)





- Cyan (40%)
- Magenta (29%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.9154, 0.3410, 0.4299 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 40.9154, 0.3410, 0.4299 by changing the saturation by 10% instead.


 40.9154, 0.3410,
0.4299


 40.9154, 0.3410,
0.4299


349.9669, 0.3281,
0.3766


 28.2530, 0.3436,
0.4440


 76.5555, 0.3367,
0.4099

 18.5165, 0.3465,
0.4624


 100.3019, 0.3350,
0.4026

 11.3214, 0.3494,
0.4875


 128.5118, 0.3334,
0.3965

 6.2834, 0.3513,
0.5230

 161.5695, 0.3321,
0.3913

 3.0182, 0.3604,
0.5952

199.8595, 0.3309,
0.3868

 1.1412, 0.3189,
0.6811

243.7661, 0.3299,

 0.0129, 0.0000,

0.3830

1.0000

293.6738, 0.3289,
0.3796

■ 0.0000, 0.0000,
0.0000

■ 40.9154, 0.3410,
0.4299

■ 40.9154, 0.3410,
0.4299

■ 39.8290, 0.3470,
0.4585

■ 42.1351, 0.3340,
0.4013

■ 38.8647, 0.3514,
0.4860

■ 43.4881, 0.3265,
0.3737

■ 38.0181, 0.3540,
0.5110


■ 44.9812, 0.3186,
0.3475

■ 37.2821, 0.3544,
0.5322


■ 46.6190, 0.3108,
0.3233

■ 36.6486, 0.3524,
0.5486


■ 48.4061, 0.3033,
0.3012


 36.1058, 0.3483,
0.5600

 50.3467, 0.2960,
0.2811

 35.9833, 0.3473,
0.5625

 52.4448, 0.2892,
0.2630

 54.5237, 0.2847,
0.2494

 55.7101, 0.2904,
0.2507

Harmonies

Analogous

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



40.9154, 0.3905, 0.4212



40.9154, 0.3410, 0.4299



40.9154, 0.2864, 0.4039

Triad

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



40.9154, 0.3410, 0.4299



40.9154, 0.2145, 0.2584



40.9154, 0.3865, 0.3033

Complementary

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



40.9154, 0.3410, 0.4299



20.8914, 0.2740, 0.2254

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.



40.9154, 0.3326, 0.2680



40.9154, 0.3410, 0.4299



40.9154, 0.2356, 0.2418

Square

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



40.9154, 0.3410, 0.4299



40.9154, 0.2163, 0.2969



40.9154, 0.2773, 0.2460



40.9154, 0.4197, 0.3459

Rectangle

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



40.9154, 0.3410, 0.4299



40.9154, 0.2546, 0.3705



40.9154, 0.2773, 0.2460



40.9154, 0.3699, 0.2904

Sweetspot

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



40.9172, 0.3410, 0.4299



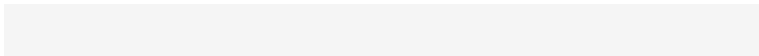
79.5648, 0.3215, 0.3568



30.1616, 0.3876, 0.3699



17.1195, 0.3225, 0.3602



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.



40.9172, 0.3410, 0.4299



71.6702, 0.3460, 0.4533



38.1379, 0.3120, 0.4396



9.7227, 0.3200, 0.3519



24.8471, 0.3481, 0.5618



0.8153, 0.3680, 0.5460

Inverse Universe

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



20.8914, 0.2740, 0.2254



30.6848, 0.2630, 0.2005



24.2956, 0.3106, 0.2358



8.4013, 0.3049, 0.3059



3.4308, 0.1902, 0.0822



0.1426, 0.2235, 0.1005

Previews

White Background



This preview shows how the Yxy color 40.9154, 0.3410, 0.4299 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 40.9154, 0.3410, 0.4299 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

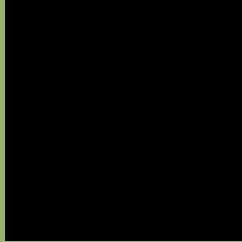
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.9154, 0.3410, 0.4299

Background



This preview shows how black text looks on a background with the Yxy color 40.9154, 0.3410, 0.4299.



This preview shows how white text looks on a background with the Yxy color 40.9154, 0.3410, 0.4299.

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

40.9154, 0.3410, 0.4299

Protanopia

40.6691, 0.3811, 0.4126

Deuteranopia

40.6726, 0.3958, 0.3890



Tritanopia

40.7316, 0.2928, 0.3097

Trichromacy



Original Color

40.9154, 0.3410, 0.4299

Protanomaly

40.7844, 0.3665, 0.4199

Deuteranomaly

40.3247, 0.3746, 0.4025

Tritanomaly

40.4322, 0.3108, 0.3521

Monochromacy



Original Color

40.9154, 0.3410, 0.4299

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

38.6747, 0.3238, 0.3656

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.9154, 0.3410, 0.4299 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, 113)` looks like.

```
.text, #text, p{  
    color:rgb(152, 181, 113)  
}
```

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, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 181, 113) }
```

Border

The CSS property to change the border of an element to Yxy 40.9154, 0.3410, 0.4299 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, 113) }
```

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

```
.border{ border-color:rgb(152, 181, 113) }
```

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, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 181, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 181, 113);  
box-shadow:4px 4px 4px 4px rgb(152, 181,  
113) }
```


Background

The CSS property to change the background color of an element to Yxy 40.9154, 0.3410, 0.4299 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, 113) }
```

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

```
.background{ background-color: rgb(152,  
181, 113) }
```

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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