

Converting Colors

$Yxy(40.6293, 0.3418, 0.4353)$

Have a look what the booklet for
Yxy(40.6293, 0.3418, 0.4353)
contains.

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Color

Yxy(40.6576, 0.3414, 0.4349)

Conversions

Conversions Part 1

Format	Color
Hex	96B56E
RGB	150, 181, 110
RGB Percent	59%, 71%, 43%
CMY	0.4117, 0.2902, 0.5687
CMYK	0.17, 0.00, 0.39, 0.29
HSL	86°, 32%, 57%
HSV	86°, 39%, 71%
XYZ	31.9165, 40.6576, 20.9131
YIQ	163.6370, 4.3150, -28.6530

Conversions

Conversions Part 2

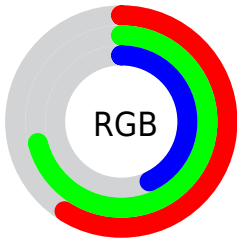
Format	Color
RYB	110, 181, 141
Decimal	9876846
CIELab	69.94, -22.88, 32.77
CIELCh	70, 39.967, 124.920
Yxy	40.6576, 0.3414, 0.4349
Android (android.graphics.Color)	4288066926 (0xFF96B56E)
YUV	163.6370, -26.4430, -11.9596
Hunter-Lab	63.7633, -22.2381, 25.1884

Details

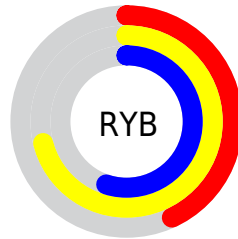
The Yxy color **40.6576, 0.3414, 0.4349** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **20.1465, 0.2726, 0.2206**, and the grayscale version is **37.0703, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.1561, 0.3373, 0.4144**, and **18.3719, 0.3468, 0.4685** is the 20% darker color. If you saturate the color by 10%, you get **39.5802, 0.3470, 0.4636**, and if you desaturate by 10%, it is **41.8697, 0.3347, 0.4061**.

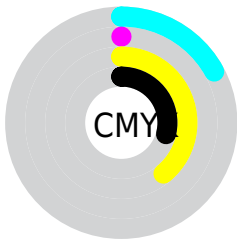
Distribution



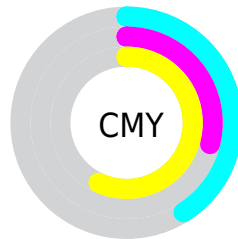
- Red (59%)
- Green (71%)
- Blue (43%)



- Red (43%)
- Yellow (71%)
- Blue (55%)



- Cyan (17%)
- Magenta (0%)
- Yellow (39%)
- Black (29%)



- Cyan (41%)
- Magenta (29%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.6576, 0.3414, 0.4349 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 40.6576, 0.3414, 0.4349 by changing the saturation by 10% instead.


 40.6576, 0.3414,
0.4349


 40.6576, 0.3414,
0.4349


348.8875, 0.3285,
0.3788

 28.0516, 0.3439,
0.4497


 76.1638, 0.3371,
0.4139


 18.3646, 0.3467,
0.4692


 99.8329, 0.3354,
0.4062

 11.2121, 0.3492,
0.4955


 127.9585, 0.3339,
0.3997

 6.2097, 0.3504,
0.5328

 160.9249, 0.3325,
0.3943

 2.9730, 0.3619,
0.6150

199.1167, 0.3313,
0.3896

 1.1176, 0.3035,
0.6965

242.9181, 0.3303,

 0.0000, 0.0000,

0.3855

0.0000

292.7136, 0.3293,
0.3820

■ 40.6576, 0.3414,
0.4349

■ 40.6576, 0.3414,
0.4349

■ 39.5802, 0.3470,
0.4636

■ 41.8697, 0.3347,
0.4061

■ 38.6261, 0.3510,
0.4909

■ 43.2165, 0.3274,
0.3782

■ 37.7907, 0.3531,
0.5155


■ 44.7049, 0.3198,
0.3518

■ 37.0666, 0.3529,
0.5362

■ 46.3399, 0.3121,
0.3272


■ 36.4455, 0.3504,
0.5519

■ 48.1259, 0.3047,
0.3047

 35.9126, 0.3461,
0.5629

 50.0672, 0.2975,
0.2843

 35.8741, 0.3457,
0.5637

 52.1681, 0.2907,
0.2660

 54.4325, 0.2844,
0.2495

 55.6579, 0.2902,
0.2507

Harmonies

Analogous

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



40.6576, 0.3933, 0.4255



40.6576, 0.3414, 0.4349



40.6576, 0.2844, 0.4074

Triad

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



40.6576, 0.3414, 0.4349



40.6576, 0.2105, 0.2549



40.6576, 0.3905, 0.3025

Complementary

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



40.6576, 0.3414, 0.4349



20.1465, 0.2726, 0.2206

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.



40.6576, 0.3340, 0.2657



40.6576, 0.3414, 0.4349



40.6576, 0.2326, 0.2380

Square

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



40.6576, 0.3414, 0.4349



40.6576, 0.2120, 0.2946



40.6576, 0.2761, 0.2427



40.6576, 0.4250, 0.3467

Rectangle

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



40.6576, 0.3414, 0.4349



40.6576, 0.2514, 0.3720



40.6576, 0.2761, 0.2427



40.6576, 0.3732, 0.2890

Sweetspot

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



40.6594, 0.3414, 0.4349



79.2450, 0.3221, 0.3594



29.9289, 0.3912, 0.3734



17.0533, 0.3230, 0.3627



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.



40.6594, 0.3414, 0.4349



71.1506, 0.3462, 0.4595



37.8005, 0.3109, 0.4456



9.7184, 0.3198, 0.3519



24.7716, 0.3466, 0.5630



0.8132, 0.3668, 0.5470

Inverse Universe

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



20.1465, 0.2726, 0.2206



29.2981, 0.2612, 0.1947



23.7469, 0.3118, 0.2322



8.4055, 0.3051, 0.3059



3.4853, 0.1920, 0.0831



0.1444, 0.2251, 0.1014

Previews

White Background



This preview shows how the Yxy color 40.6576, 0.3414, 0.4349 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 40.6576, 0.3414, 0.4349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

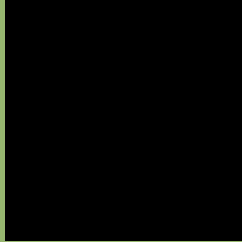
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.6576, 0.3414, 0.4349

Background



This preview shows how black text looks on a background with the Yxy color 40.6576, 0.3414, 0.4349.



This preview shows how white text looks on a background with the Yxy color 40.6576, 0.3414, 0.4349.

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

40.6576, 0.3414, 0.4349

Protanopia

40.6055, 0.3837, 0.4164

Deuteranopia

40.2467, 0.3992, 0.3915



Tritanopia

40.6273, 0.2920, 0.3096

Trichromacy



Original Color

40.6576, 0.3414, 0.4349

Protanomaly

40.6057, 0.3679, 0.4242

Deuteranomaly

40.1321, 0.3762, 0.4067

Tritanomaly

40.2967, 0.3107, 0.3536

Monochromacy



Original Color

40.6576, 0.3414, 0.4349

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

38.1340, 0.3247, 0.3673

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.6576, 0.3414, 0.4349 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(150, 181, 110)` looks like.

```
.text, #text, p{  
    color:rgb(150, 181, 110)  
}
```

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(150, 181, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 181, 110) }
```

Border

The CSS property to change the border of an element to Yxy 40.6576, 0.3414, 0.4349 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(150, 181, 110) }
```

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

```
.border{ border-color:rgb(150, 181, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 181, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 181, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 181, 110);  
box-shadow:4px 4px 4px 4px rgb(150, 181,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 40.6576, 0.3414, 0.4349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 181, 110) }
```

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

```
.background{ background-color: rgb(150,  
181, 110) }
```

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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