

Converting Colors

$Yxy(40.9890, 0.3486, 0.4577)$

Have a look what the booklet for
Yxy(40.9890, 0.3486, 0.4577)
contains.

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Color

Yxy(41.0074, 0.3489, 0.4577)

Conversions

Conversions Part 1

Format	Color
Hex	94B760
RGB	148, 183, 96
RGB Percent	58%, 72%, 38%
CMY	0.4195, 0.2824, 0.6236
CMYK	0.19, 0.00, 0.48, 0.28
HSL	84°, 38%, 55%
HSV	84°, 48%, 72%
XYZ	31.2595, 41.0074, 17.3276
YIQ	162.6170, 7.0670, -34.4770

Conversions

Conversions Part 2

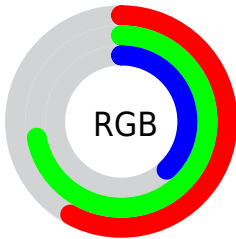
Format	Color
R _Y B	96, 183, 131
Decimal	9746272
CIE Lab	70.18, -26.34, 40.21
CIE LCh	70, 48.065, 123.228
Yxy	41.0074, 0.3489, 0.4577
Android (android.graphics.Color)	4287936352 (0xFF94B760)
YUV	162.6170, -32.8422, -12.8191
Hunter-Lab	64.0370, -24.9304, 28.7828

Details

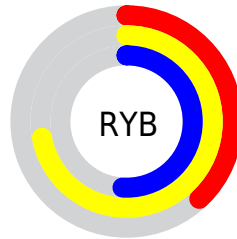
The Yxy color $41.0074, 0.3489, 0.4577$ is a dark color, and the websafe version is hex $99CC66$. A complement of this color would be $16.6019, 0.2582, 0.1941$, and the grayscale version is $36.5926, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.5676, 0.3437, 0.4326$, and $18.5954, 0.3540, 0.4990$ is the 20% darker color. If you saturate the color by 10%, you get $40.0461, 0.3538, 0.4848$, and if you desaturate by 10%, it is $42.0943, 0.3425, 0.4294$.

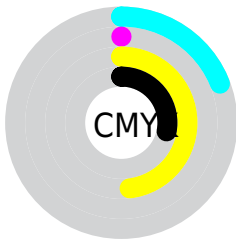
Distribution



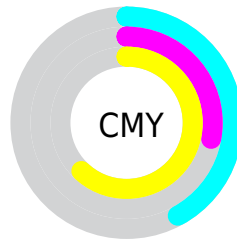
- Red (58%)
- Green (72%)
- Blue (38%)



- Red (38%)
- Yellow (72%)
- Blue (51%)



- Cyan (19%)
- Magenta (0%)
- Yellow (48%)
- Black (28%)



- Cyan (42%)
- Magenta (28%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.0074, 0.3489, 0.4577 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 41.0074, 0.3489, 0.4577 by changing the saturation by 10% instead.


 41.0074, 0.3489,
0.4577


 41.0074, 0.3489,
0.4577


350.3515, 0.3332,
0.3897


 28.3249, 0.3516,
0.4754


 76.6951, 0.3440,
0.4323

 18.5707, 0.3542,
0.4984


 100.4691, 0.3419,
0.4230

 11.3605, 0.3559,
0.5289

 128.7090, 0.3400,
0.4151

 6.3099, 0.3544,
0.5708

 161.7993, 0.3383,
0.4085

 3.0344, 0.3530,
0.6470

200.1243, 0.3368,
0.4028

 1.1497, 0.2714,
0.7286

244.0684, 0.3355,

 0.0200, 0.0000,

0.3978

1.0000

294.0160, 0.3343,
0.3935

■ 0.0000, 0.0000,
0.0000

■ 41.0074, 0.3489,
0.4577

■ 41.0074, 0.3489,
0.4577

■ 40.0461, 0.3538,
0.4848

■ 42.0943, 0.3425,
0.4294

■ 39.1988, 0.3567,
0.5093

■ 43.3073, 0.3351,
0.4011

■ 38.4600, 0.3574,
0.5301

■ 44.6534, 0.3271,
0.3735

■ 37.8218, 0.3557,
0.5461

■ 46.1377, 0.3189,
0.3475

■ 37.2724, 0.3519,
0.5571


■ 47.7648, 0.3107,
0.3233

 37.1467, 0.3509,
0.5596

 49.5392, 0.3028,
0.3011

 51.4652, 0.2952,
0.2809

 53.5467, 0.2881,
0.2627

 55.4166, 0.2851,
0.2517

Harmonies

Analogous

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



41.0074, 0.4100, 0.4410



41.0074, 0.3489, 0.4577



41.0074, 0.2815, 0.4280

Triad

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



41.0074, 0.3489, 0.4577



41.0074, 0.1924, 0.2424



41.0074, 0.4026, 0.2942

Complementary

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



41.0074, 0.3489, 0.4577



16.6019, 0.2582, 0.1941

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.



41.0074, 0.3334, 0.2527



41.0074, 0.3489, 0.4577



41.0074, 0.2162, 0.2226

Square

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



41.0074, 0.3489, 0.4577



41.0074, 0.1953, 0.2898



41.0074, 0.2653, 0.2272



41.0074, 0.4461, 0.3448

Rectangle

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



41.0074, 0.3489, 0.4577



41.0074, 0.2422, 0.3849



41.0074, 0.2653, 0.2272



41.0074, 0.3811, 0.2790

Sweetspot

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



41.0092, 0.3489, 0.4577



80.8287, 0.3244, 0.3647



27.0865, 0.4156, 0.3786



17.7294, 0.3262, 0.3704



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.0092, 0.3489, 0.4577



71.6590, 0.3539, 0.4858



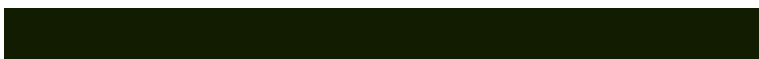
37.6951, 0.3121, 0.4738



10.3185, 0.3204, 0.3520



25.9548, 0.3517, 0.5590



0.9500, 0.3692, 0.5450

Inverse Universe

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



16.6019, 0.2582, 0.1941



22.7195, 0.2427, 0.1630



20.8132, 0.3078, 0.2118



8.8909, 0.3045, 0.3058



3.4261, 0.1861, 0.0799



0.1571, 0.2169, 0.0968

Previews

White Background



This preview shows how the Yxy color 41.0074, 0.3489, 0.4577 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 41.0074, 0.3489, 0.4577 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 41.0074, 0.3489, 0.4577

Background



This preview shows how black text looks on a background with the Yxy color 41.0074, 0.3489, 0.4577.



This preview shows how white text looks on a background with the Yxy color 41.0074, 0.3489, 0.4577.

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

41.0074, 0.3489, 0.4577

Protanopia

40.5899, 0.3969, 0.4326

Deuteranopia

40.5439, 0.4148, 0.4056



Tritanopia

40.9486, 0.2904, 0.3096

Trichromacy



Original Color

41.0074, 0.3489, 0.4577

Protanomaly

40.3345, 0.3787, 0.4423

Deuteranomaly

40.0894, 0.3900, 0.4239

Tritanomaly

40.8453, 0.3129, 0.3624

Monochromacy



Original Color

41.0074, 0.3489, 0.4577

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

37.8826, 0.3280, 0.3750

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.0074, 0.3489, 0.4577 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(148, 183, 96)` looks like.

```
.text, #text, p{  
    color:rgb(148, 183, 96)  
}
```

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(148, 183, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 183, 96) }
```

Border

The CSS property to change the border of an element to Yxy 41.0074, 0.3489, 0.4577 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(148, 183, 96) }
```

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

```
.border{ border-color:rgb(148, 183, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 183, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 183, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 183, 96);  
box-shadow:4px 4px 4px 4px rgb(148, 183,  
96) }
```


Background

The CSS property to change the background color of an element to Yxy 41.0074, 0.3489, 0.4577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 183, 96) }
```

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

```
.background{ background-color: rgb(148,  
183, 96) }
```

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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