

Converting Colors

$Yxy(41.4043, 0.3457, 0.4438)$

Have a look what the booklet for
Yxy(41.4043, 0.3457, 0.4438)
contains.

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Color

Yxy(41.4662, 0.3453, 0.4441)

Conversions

Conversions Part 1

Format	Color
Hex	97B769
RGB	151, 183, 105
RGB Percent	59%, 72%, 41%
CMY	0.4080, 0.2823, 0.5883
CMYK	0.18, 0.00, 0.43, 0.28
HSL	85°, 35%, 56%
HSV	85°, 43%, 72%
XYZ	32.2411, 41.4662, 19.6640
YIQ	164.5400, 5.9660, -31.0420

Conversions

Conversions Part 2

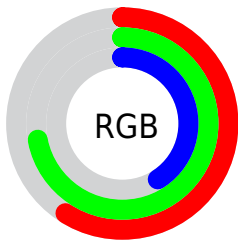
Format	Color
RYB	105, 183, 137
Decimal	9942889
CIELab	70.50, -24.14, 36.09
CIELCh	71, 43.422, 123.781
Yxy	41.4662, 0.3453, 0.4441
Android (android.graphics.Color)	4288132969 (0xFF97B769)
YUV	164.5400, -29.3532, -11.8746
Hunter-Lab	64.3943, -23.3180, 26.9707

Details

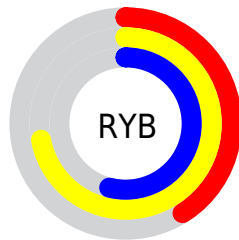
The Yxy color **41.4662, 0.3453, 0.4441** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **18.8395, 0.2659, 0.2095**, and the grayscale version is **37.5338, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.2891, 0.3406, 0.4218**, and **18.8475, 0.3500, 0.4804** is the 20% darker color. If you saturate the color by 10%, you get **40.4353, 0.3508, 0.4721**, and if you desaturate by 10%, it is **42.6276, 0.3385, 0.4155**.

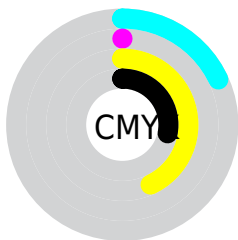
Distribution



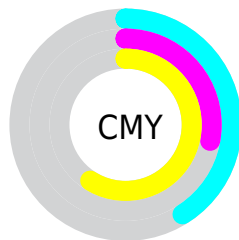
- Red (59%)
- Green (72%)
- Blue (41%)



- Red (41%)
- Yellow (72%)
- Blue (54%)



- Cyan (18%)
- Magenta (0%)
- Yellow (43%)
- Black (28%)





- Cyan (41%)
- Magenta (28%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.4662, 0.3453, 0.4441 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 41.4662, 0.3453, 0.4441 by changing the saturation by 10% instead.


 41.4662, 0.3453,
0.4441


 41.4662, 0.3453,
0.4441


352.2653, 0.3308,
0.3834


 28.6835, 0.3480,
0.4600


 77.3911, 0.3406,
0.4214

 18.8416, 0.3509,
0.4807


 101.3021, 0.3387,
0.4131

 11.5558, 0.3534,
0.5085


 129.6914, 0.3369,
0.4061

 6.4420, 0.3538,
0.5471

 162.9433, 0.3354,
0.4002

 3.1157, 0.3657,
0.6343

201.4423, 0.3341,
0.3951

 1.1924, 0.3019,
0.6981

245.5727, 0.3329,

 0.0555, 0.0000,

0.3907

1.0000

295.7189, 0.3318,
0.3868

0.0000, 0.0000,
0.0000

41.4662, 0.3453,
0.4441

41.4662, 0.3453,
0.4441

40.4353, 0.3508,
0.4721

42.6276, 0.3385,
0.4155

39.5233, 0.3546,
0.4982

43.9195, 0.3309,
0.3874

38.7252, 0.3563,
0.5211


45.3491, 0.3229,
0.3605


38.0336, 0.3557,
0.5397

46.9212, 0.3148,
0.3353

37.4393, 0.3527,
0.5532

48.6405, 0.3069,
0.3121

 37.0514, 0.3496,
0.5606

 50.5112, 0.2992,
0.2909

 52.5377, 0.2920,
0.2718

 54.7239, 0.2852,
0.2546

 56.0907, 0.2884,
0.2524

Harmonies

Analogous

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



41.4662, 0.4007, 0.4315



41.4662, 0.3453, 0.4441



41.4662, 0.2841, 0.4161

Triad

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



41.4662, 0.3453, 0.4441



41.4662, 0.2030, 0.2503



41.4662, 0.3947, 0.2986

Complementary

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



41.4662, 0.3453, 0.4441



18.8395, 0.2659, 0.2095

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.



41.4662, 0.3330, 0.2600



41.4662, 0.3453, 0.4441



41.4662, 0.2255, 0.2319

Square

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



41.4662, 0.3453, 0.4441



41.4662, 0.2055, 0.2934



41.4662, 0.2710, 0.2362



41.4662, 0.4332, 0.3454

Rectangle

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



41.4662, 0.3453, 0.4441



41.4662, 0.2483, 0.3779



41.4662, 0.2710, 0.2362



41.4662, 0.3756, 0.2845

Sweetspot

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



41.4680, 0.3453, 0.4441



81.0529, 0.3234, 0.3620



28.7515, 0.4017, 0.3737



17.7733, 0.3252, 0.3679



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.



41.4680, 0.3453, 0.4441



72.5473, 0.3504, 0.4699



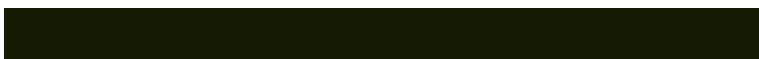
38.3879, 0.3126, 0.4568



10.3146, 0.3203, 0.3520



25.8850, 0.3504, 0.5600



0.9478, 0.3682, 0.5458

Inverse Universe

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



18.8395, 0.2659, 0.2095



26.7535, 0.2528, 0.1814



22.6573, 0.3086, 0.2232



8.8947, 0.3047, 0.3058



3.4708, 0.1875, 0.0806



0.1588, 0.2182, 0.0976

Previews

White Background



This preview shows how the Yxy color 41.4662, 0.3453, 0.4441 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 41.4662, 0.3453, 0.4441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

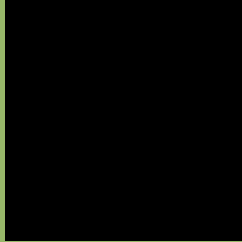
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.4662, 0.3453, 0.4441

Background



This preview shows how black text looks on a background with the Yxy color 41.4662, 0.3453, 0.4441.



This preview shows how white text looks on a background with the Yxy color 41.4662, 0.3453, 0.4441.

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

41.4662, 0.3453, 0.4441

Protanopia

41.1360, 0.3892, 0.4231

Deuteranopia

40.9204, 0.4061, 0.3979



Tritanopia

41.1564, 0.2921, 0.3097

Trichromacy



Original Color

41.4662, 0.3453, 0.4441

Protanomaly

41.1239, 0.3734, 0.4313

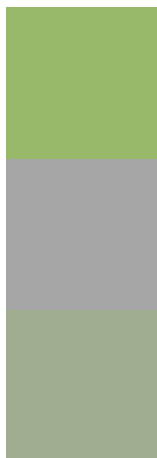
Deuteranomaly

40.7733, 0.3830, 0.4135

Tritanomaly

41.1477, 0.3122, 0.3578

Monochromacy



Original Color

41.4662, 0.3453, 0.4441

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

38.9618, 0.3262, 0.3715

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.4662, 0.3453, 0.4441 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(151, 183, 105)` looks like.

```
.text, #text, p{  
    color:rgb(151, 183, 105)  
}
```

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(151, 183, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 183, 105) }
```

Border

The CSS property to change the border of an element to Yxy 41.4662, 0.3453, 0.4441 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(151, 183, 105) }
```

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

```
.border{ border-color:rgb(151, 183, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 183, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 183, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 183, 105);  
box-shadow:4px 4px 4px 4px rgb(151, 183,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 41.4662, 0.3453, 0.4441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 183, 105) }
```

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

```
.background{ background-color: rgb(151,  
183, 105) }
```

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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