

Converting Colors

$Y_{xy}(18.4299, 0.3445, 0.4371)$

Have a look what the booklet for
Yxy(18.4299, 0.3445, 0.4371)
contains.

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Color

Yxy(18.4194, 0.3441, 0.4364)

Conversions

Conversions Part 1

Format	Color
Hex	697E4A
RGB	105, 126, 74
RGB Percent	41%, 49%, 29%
CMY	0.5882, 0.5059, 0.7099
CMYK	0.17, 0.00, 0.41, 0.51
HSL	84°, 26%, 39%
HSV	84°, 41%, 49%
XYZ	14.5236, 18.4194, 9.2646
YIQ	113.7930, 4.1760, -20.6240

Conversions

Conversions Part 2

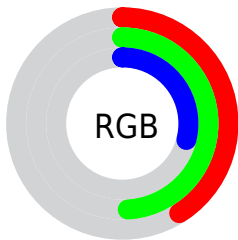
Format	Color
RYB	74, 126, 95
Decimal	6913610
CIELab	50.00, -17.18, 25.83
CIElCh	50, 31.018, 123.625
Yxy	18.4194, 0.3441, 0.4364
Android (android.graphics.Color)	4285103690 (0xFF697E4A)
YUV	113.7930, -19.6179, -7.7115
Hunter-Lab	42.9178, -14.7008, 17.2437

Details

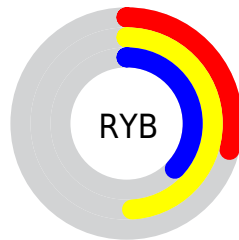
The Yxy color $18.4194, 0.3441, 0.4364$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $8.8320, 0.2690, 0.2174$, and the grayscale version is $16.8217, 0.3127, 0.3290$.

A 20% lighter version of the original color is $40.8384, 0.3384, 0.4113$, and $6.2323, 0.3514, 0.4872$ is the 20% darker color. If you saturate the color by 10%, you get $17.9684, 0.3500, 0.4637$, and if you desaturate by 10%, it is $18.9244, 0.3372, 0.4088$.

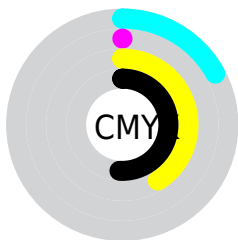
Distribution



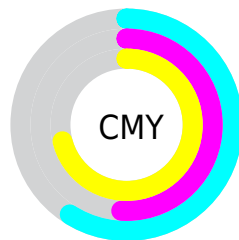
- Red (41%)
- Green (49%)
- Blue (29%)



- Red (29%)
- Yellow (49%)
- Blue (37%)



- Cyan (17%)
- Magenta (0%)
- Yellow (41%)
- Black (51%)





- Cyan (59%)
- Magenta (51%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.4194, 0.3441, 0.4364 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 18.4194, 0.3441, 0.4364 by changing the saturation by 10% instead.


 18.4194, 0.3441,
0.4364


 18.4194, 0.3441,
0.4364


243.2245, 0.3277,
0.3726


 11.2515, 0.3479,
0.4567


 40.7507, 0.3382,
0.4102


 6.2363, 0.3519,
0.4859


 56.6829, 0.3359,
0.4014


 2.9893, 0.3573,
0.5345


 76.3053, 0.3340,
0.3942

 1.1261, 0.3598,
0.6402

 100.0023, 0.3324,
0.3884

 0.0001, 0.0000,
1.0000

 128.1584, 0.3310,
0.3834

 0.0000, 0.0000,
0.0000

161.1578, 0.3297,

0.3793

199.3850, 0.3287,
0.3757

■ 18.4194, 0.3441,
0.4364

■ 18.4194, 0.3441,
0.4364

■ 17.9684, 0.3500,
0.4637

■ 18.9244, 0.3372,
0.4088

■ 17.5667, 0.3543,
0.4895

■ 19.4832, 0.3296,
0.3819

■ 17.2124, 0.3568,
0.5128

■ 20.0986, 0.3217,
0.3561

■ 16.9028, 0.3572,
0.5324

■ 20.7726, 0.3137,
0.3320

■ 16.6343, 0.3553,
0.5474

■ 21.5070, 0.3060,
0.3097

■ 16.4248, 0.3526,
0.5582

■ 22.3035, 0.2985,
0.2894

■ 23.1637, 0.2914,
0.2709

■ 24.0893, 0.2847,
0.2543

■ 25.0818, 0.2785,
0.2393

Harmonies

Analogous

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



18.4194, 0.3960, 0.4254



18.4194, 0.3441, 0.4364



18.4194, 0.2865, 0.4103

Triad

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



18.4194, 0.3441, 0.4364



18.4194, 0.2091, 0.2554



18.4194, 0.3892, 0.3004

Complementary

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



18.4194, 0.3441, 0.4364



8.8320, 0.2690, 0.2174

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.



18.4194, 0.3316, 0.2638



18.4194, 0.3441, 0.4364



18.4194, 0.2304, 0.2375

Square

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



18.4194, 0.3441, 0.4364



18.4194, 0.2117, 0.2963



18.4194, 0.2734, 0.2413



18.4194, 0.4254, 0.3448

Rectangle

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



18.4194, 0.3441, 0.4364



18.4194, 0.2527, 0.3750



18.4194, 0.2734, 0.2413



18.4194, 0.3714, 0.2870

Sweetspot

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



18.4202, 0.3441, 0.4364



35.2658, 0.3225, 0.3586



13.0760, 0.3946, 0.3709



7.9963, 0.3233, 0.3611



63.8283, 0.3127, 0.3290



8.3535, 0.3127, 0.3290

Same Dimension

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



18.4202, 0.3441, 0.4364



31.6373, 0.3499, 0.4634



17.0859, 0.3127, 0.4477



4.9356, 0.3199, 0.3507



16.8478, 0.3526, 0.5583



0.0000, 0.0000, 0.0000

Inverse Universe

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



8.8320, 0.2690, 0.2174



12.2378, 0.2554, 0.1880



10.4516, 0.3090, 0.2295



4.2898, 0.3050, 0.3071



2.2603, 0.1880, 0.0810



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 18.4194, 0.3441, 0.4364 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 18.4194, 0.3441, 0.4364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

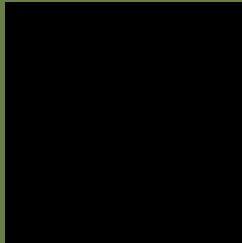
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.4194, 0.3441, 0.4364

Background



This preview shows how black text looks on a background with the Yxy color 18.4194, 0.3441, 0.4364.



This preview shows how white text looks on a background with the Yxy color 18.4194, 0.3441, 0.4364.

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

18.4194, 0.3441, 0.4364

Protanopia

18.3944, 0.3854, 0.4185

Deuteranopia

18.1857, 0.4010, 0.3927



Tritanopia

18.5286, 0.2942, 0.3117

Trichromacy



Original Color

18.4194, 0.3441, 0.4364

Protanomaly

18.4519, 0.3697, 0.4260

Deuteranomaly

18.1458, 0.3789, 0.4084

Tritanomaly

18.3382, 0.3127, 0.3551

Monochromacy



Original Color

18.4194, 0.3441, 0.4364

Achromatopsia

16.8269, 0.3127, 0.3290

Achromatomaly

17.2372, 0.3263, 0.3679

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.4194, 0.3441, 0.4364 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(105, 126, 74)` looks like.

```
.text, #text, p{  
    color:rgb(105, 126, 74)  
}
```

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(105, 126, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 126, 74) }
```

Border

The CSS property to change the border of an element to Yxy 18.4194, 0.3441, 0.4364 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(105, 126, 74) }
```

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

```
.border{ border-color:rgb(105, 126, 74) }
```

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

Here you see how a box with a 4 pixel rgb(105, 126, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 126, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 126, 74);  
box-shadow:4px 4px 4px 4px rgb(105, 126,  
74) }
```


Background

The CSS property to change the background color of an element to Yxy 18.4194, 0.3441, 0.4364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 126, 74) }
```

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

```
.background{ background-color: rgb(105,  
126, 74) }
```

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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