

Converting Colors

$Yxy(16.0816, 0.3314, 0.4269)$

Have a look what the booklet for
Yxy(16.0816, 0.3314, 0.4269)
contains.

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Color

Yxy(16.0813, 0.3314, 0.4269)

Conversions

Conversions Part 1

Format	Color
Hex	5E774B
RGB	94, 119, 75
RGB Percent	37%, 47%, 29%
CMY	0.6313, 0.5333, 0.7058
CMYK	0.21, 0.00, 0.37, 0.53
HSL	94°, 23%, 38%
HSV	94°, 37%, 47%
XYZ	12.4838, 16.0813, 9.1048
YIQ	106.5090, -0.7760, -18.9840

Conversions

Conversions Part 2

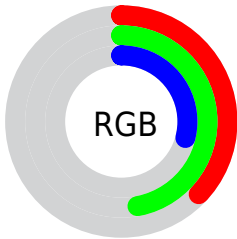
Format	Color
RYB	75, 119, 100
Decimal	6190923
CIELab	47.08, -17.74, 21.30
CIELCh	47, 27.722, 129.789
Yxy	16.0813, 0.3314, 0.4269
Android (android.graphics.Color)	4284381003 (0xFF5E774B)
YUV	106.5090, -15.5339, -10.9704
Hunter-Lab	40.1015, -14.6096, 14.6096

Details

The Yxy color **16.0813, 0.3314, 0.4269** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **9.0755, 0.2862, 0.2339**, and the grayscale version is **14.6050, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.6008, 0.3282, 0.4020**, and **5.0784, 0.3363, 0.4749** is the 20% darker color. If you saturate the color by 10%, you get **15.5920, 0.3351, 0.4563**, and if you desaturate by 10%, it is **16.6338, 0.3268, 0.3982**.

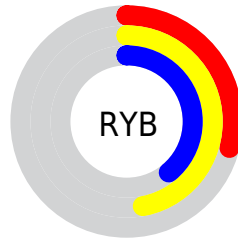
Distribution



Red (37%)

Green (47%)

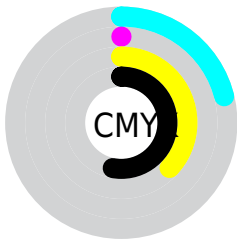
Blue (29%)



Red (29%)

Yellow (47%)

Blue (39%)

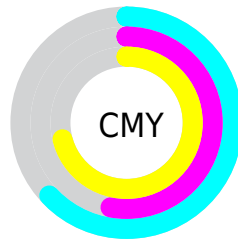


Cyan (21%)

Magenta (0%)

Yellow (37%)

Black (53%)



Cyan (63%)


Magenta (53%)


Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 16.0813, 0.3314, 0.4269 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 16.0813, 0.3314, 0.4269 by changing the saturation by 10% instead.


 16.0813, 0.3314,
0.4269

 16.0813, 0.3314,
0.4269


229.8210, 0.3218,
0.3674


 9.5817, 0.3334,
0.4469


 36.7393, 0.3280,
0.4020


 5.1225, 0.3352,
0.4766

 51.6665, 0.3267,
0.3937


 2.3193, 0.3387,
0.5309

 70.1716, 0.3256,
0.3871

 0.7839, 0.2847,
0.7153

 92.6392, 0.3246,
0.3817

 0.0000, 0.0000,
0.0000

 119.4535, 0.3238,
0.3772

150.9989, 0.3230,

0.3734

187.6600, 0.3224,
0.3702

■ 16.0813, 0.3314,
0.4269

■ 16.0813, 0.3314,
0.4269

■ 15.5920, 0.3351,
0.4563

■ 16.6338, 0.3268,
0.3982

■ 15.1613, 0.3377,
0.4854

■ 17.2498, 0.3218,
0.3708

■ 14.7872, 0.3388,
0.5127


■ 17.9321, 0.3165,
0.3454

■ 14.4667, 0.3381,
0.5367


■ 18.6829, 0.3111,
0.3222


■ 14.1966, 0.3355,
0.5563


■ 19.5041, 0.3058,
0.3011


 13.9705, 0.3316,
0.5714

 20.3977, 0.3007,
0.2822

 13.9076, 0.3305,
0.5758

 21.3655, 0.2959,
0.2652

 22.4092, 0.2913,
0.2501

 23.5305, 0.2871,
0.2367

Harmonies

Analogous

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



16.0813, 0.3823, 0.4239



16.0813, 0.3314, 0.4269



16.0813, 0.2780, 0.3955

Triad

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



16.0813, 0.3314, 0.4269



16.0813, 0.2174, 0.2547



16.0813, 0.3934, 0.3106

Complementary

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



16.0813, 0.3314, 0.4269



9.0755, 0.2862, 0.2339

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.



16.0813, 0.3423, 0.2738



16.0813, 0.3314, 0.4269



16.0813, 0.2421, 0.2419

Square

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



16.0813, 0.3314, 0.4269



16.0813, 0.2152, 0.2892



16.0813, 0.2864, 0.2493



16.0813, 0.4211, 0.3534

Rectangle

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



16.0813, 0.3314, 0.4269



16.0813, 0.2481, 0.3605



16.0813, 0.2864, 0.2493



16.0813, 0.3781, 0.2973

Sweetspot

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



16.0820, 0.3314, 0.4269



31.5692, 0.3188, 0.3561



13.5328, 0.3780, 0.3809



7.4508, 0.3193, 0.3588



62.0916, 0.3127, 0.3290



7.8288, 0.3127, 0.3290

Same Dimension

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



16.0820, 0.3314, 0.4269



28.0747, 0.3345, 0.4509



15.2394, 0.3047, 0.4271



4.1684, 0.3176, 0.3505



14.7705, 0.3303, 0.5760



71.4917, 0.3266, 0.5789

Inverse Universe

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



9.0755, 0.2862, 0.2339



13.6542, 0.2785, 0.2114



10.2185, 0.3215, 0.2473



3.6829, 0.3075, 0.3077



2.7003, 0.2195, 0.0983



12.6455, 0.2145, 0.0956

Previews

White Background



This preview shows how the Yxy color 16.0813, 0.3314, 0.4269 looks on a white 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

Black Background



This preview shows how the Yxy color 16.0813, 0.3314, 0.4269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

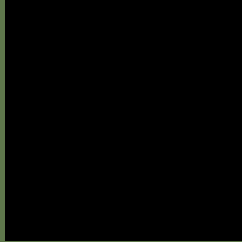
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 16.0813, 0.3314, 0.4269

Background



This preview shows how black text looks on a background with the Yxy color 16.0813, 0.3314, 0.4269.



This preview shows how white text looks on a background with the Yxy color 16.0813, 0.3314, 0.4269.

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

16.0813, 0.3314, 0.4269

Protanopia

15.9017, 0.3773, 0.4071

Deuteranopia

16.0520, 0.3900, 0.3840



Tritanopia

15.9821, 0.2872, 0.3104

Trichromacy



Original Color

16.0813, 0.3314, 0.4269

Protanomaly

15.8952, 0.3595, 0.4148

Deuteranomaly

15.8266, 0.3680, 0.3980

Tritanomaly

15.8781, 0.3028, 0.3505

Monochromacy



Original Color

16.0813, 0.3314, 0.4269

Achromatopsia

14.7027, 0.3127, 0.3290

Achromatomaly

15.0199, 0.3205, 0.3639

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.0813, 0.3314, 0.4269 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(94, 119, 75) looks like.

```
.text, #text, p{  
    color:rgb(94, 119, 75)  
}
```

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(94, 119, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 119, 75) }
```

Border

The CSS property to change the border of an element to Yxy 16.0813, 0.3314, 0.4269 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(94, 119, 75) }
```

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

```
.border{ border-color:rgb(94, 119, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 119, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 119, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 119, 75);  
box-shadow:4px 4px 4px 4px rgb(94, 119,  
75) }
```


Background

The CSS property to change the background color of an element to Yxy 16.0813, 0.3314, 0.4269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 119, 75) }
```

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

```
.background{ background-color: rgb(94, 119,  
75) }
```

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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