

Converting Colors

$Yxy(16.0195, 0.3042, 0.4819)$

Have a look what the booklet for
Yxy(16.0195, 0.3042, 0.4819)
contains.

Yxy(16.0071, 0.3046, 0.4814)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(16.0071, 0.3046, 0.4814)

Conversions

Conversions Part 1

Format	Color
Hex	3D7D3E
RGB	61, 125, 62
RGB Percent	24%, 49%, 24%
CMY	0.7608, 0.5098, 0.7568
CMYK	0.51, 0.00, 0.50, 0.51
HSL	121°, 34%, 36%
HSV	121°, 51%, 49%
XYZ	10.1283, 16.0071, 7.1157
YIQ	98.6820, -17.9210, -33.1610

Conversions

Conversions Part 2

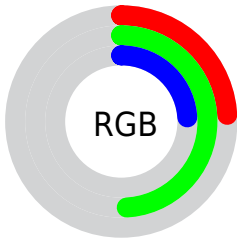
Format	Color
R_{YB}	61, 124, 125
Decimal	4029758
CIE Lab	46.98, -34.43, 28.03
CIE LCh	47, 44.402, 140.850
Yxy	16.0071, 0.3046, 0.4814
Android (android.graphics.Color)	4282219838 (0xFF3D7D3E)
YUV	98.6820, -18.0842, -33.0471
Hunter-Lab	40.0089, -24.8280, 17.4612

Details

The Yxy color **16.0071, 0.3046, 0.4814** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **9.1534, 0.3199, 0.2127**, and the grayscale version is **12.4441, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.4992, 0.3090, 0.4406**, and **5.0696, 0.2896, 0.5626** is the 20% darker color. If you saturate the color by 10%, you get **15.5361, 0.3030, 0.5147**, and if you desaturate by 10%, it is **16.6026, 0.3063, 0.4474**.

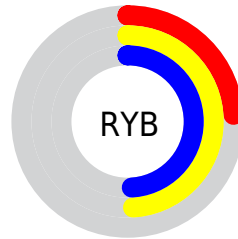
Distribution



Red (24%)

Green (49%)

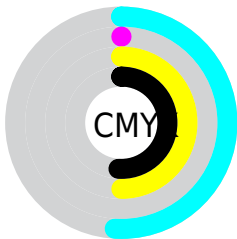
Blue (24%)



Red (24%)

Yellow (49%)

Blue (49%)

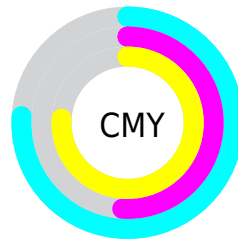


Cyan (51%)

Magenta (0%)

Yellow (50%)

Black (51%)



Cyan (76%)


Magenta (51%)


Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 16.0071, 0.3046, 0.4814 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 16.0071, 0.3046, 0.4814 by changing the saturation by 10% instead.


 16.0071, 0.3046,
0.4814

 16.0071, 0.3046,
0.4814


229.3836, 0.3129,
0.3866

 9.5292, 0.2993,
0.5142


 36.6105, 0.3094,
0.4410


 5.0879, 0.2890,
0.5635

 51.5048, 0.3105,
0.4278


 2.2989, 0.2849,
0.6889

 69.9734, 0.3113,
0.4173

 0.7732, 0.0000,
1.0000

 92.4006, 0.3119,
0.4088

 0.0000, 0.0000,
0.0000

 119.1708, 0.3122,
0.4018

 150.6684, 0.3125,

0.3960

187.2779, 0.3127,
0.3909

■ 16.0071, 0.3046,
0.4814

■ 16.0071, 0.3046,
0.4814

■ 15.5361, 0.3030,
0.5147

■ 16.6026, 0.3063,
0.4474

■ 15.1788, 0.3017,
0.5450

■ 17.3282, 0.3080,
0.4145

■ 14.9263, 0.3007,
0.5698

■ 18.1919, 0.3096,
0.3839

■ 14.7672, 0.3001,
0.5875

■ 19.2002, 0.3112,
0.3562

■ 14.6717, 0.2996,
0.5984

■ 20.3594, 0.3126,
0.3317

■ 21.6752, 0.3138,
0.3103

■ 23.1533, 0.3149,
0.2917

■ 24.7989, 0.3159,
0.2757

■ 26.6169, 0.3167,
0.2618

Harmonies

Analogous

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



16.0071, 0.3871, 0.4876



16.0071, 0.3046, 0.4814



16.0071, 0.2287, 0.4081

Triad

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



16.0071, 0.3046, 0.4814



16.0071, 0.1796, 0.2045



16.0071, 0.4644, 0.3189

Complementary

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



16.0071, 0.3046, 0.4814



9.1534, 0.3199, 0.2127

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.



16.0071, 0.3914, 0.2628



16.0071, 0.3046, 0.4814



16.0071, 0.2252, 0.2000

Square

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



16.0071, 0.3046, 0.4814



16.0071, 0.1642, 0.2396



16.0071, 0.3003, 0.2208



16.0071, 0.4866, 0.3812

Rectangle

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



16.0071, 0.3046, 0.4814



16.0071, 0.1923, 0.3422



16.0071, 0.3003, 0.2208



16.0071, 0.4446, 0.2992

Sweetspot

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



16.0078, 0.3046, 0.4814



33.5976, 0.3106, 0.3674



19.3644, 0.3844, 0.4475



7.5716, 0.3103, 0.3721



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.



16.0078, 0.3046, 0.4814



27.7279, 0.3028, 0.5188



16.4502, 0.2765, 0.4049



4.8198, 0.3115, 0.3509



15.3126, 0.2996, 0.5984



0.0000, 0.0000, 0.0000

Inverse Universe

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



9.1534, 0.3199, 0.2127



14.0303, 0.3214, 0.1923



8.4888, 0.3788, 0.2657



4.4113, 0.3139, 0.3081



6.0437, 0.3248, 0.1563



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 16.0071, 0.3046, 0.4814 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 16.0071, 0.3046, 0.4814 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

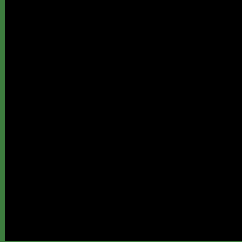
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

Yxy 16.0071, 0.3046, 0.4814

Background



This preview shows how black text looks on a background with the Yxy color 16.0071, 0.3046, 0.4814.



This preview shows how white text looks on a background with the Yxy color 16.0071, 0.3046, 0.4814.

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

16.0071, 0.3046, 0.4814

Protanopia

15.8019, 0.3968, 0.4340

Deuteranopia

15.7816, 0.4072, 0.4016



Tritanopia

15.9850, 0.2557, 0.3094

Trichromacy



Original Color

16.0071, 0.3046, 0.4814

Protanomaly

15.5159, 0.3584, 0.4525

Deuteranomaly

15.3177, 0.3638, 0.4313

Tritanomaly

15.9561, 0.2743, 0.3706

Monochromacy



Original Color

16.0071, 0.3046, 0.4814

Achromatopsia

12.4772, 0.3127, 0.3290

Achromatomaly

13.3283, 0.3089, 0.3816

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.0071, 0.3046, 0.4814 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(61, 125, 62)` looks like.

```
.text, #text, p{  
    color:rgb(61, 125, 62)  
}
```

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(61, 125, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 125, 62) }
```

Border

The CSS property to change the border of an element to Yxy 16.0071, 0.3046, 0.4814 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(61, 125, 62) }
```

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

```
.border{ border-color:rgb(61, 125, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 125, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 125, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 125, 62);  
box-shadow:4px 4px 4px 4px rgb(61, 125,  
62) }
```


Background

The CSS property to change the background color of an element to Yxy 16.0071, 0.3046, 0.4814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 125, 62) }
```

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

```
.background{ background-color: rgb(61, 125,  
62) }
```

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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