

Converting Colors

$Yxy(16.5328, 0.3088, 0.4356)$

Have a look what the booklet for
Yxy(16.5328, 0.3088, 0.4356)
contains.

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Color

Yxy(16.6276, 0.3088, 0.4349)

Conversions

Conversions Part 1

Format	Color
Hex	4F7C4E
RGB	79, 124, 78
RGB Percent	31%, 49%, 31%
CMY	0.6903, 0.5137, 0.6940
CMYK	0.36, 0.00, 0.37, 0.51
HSL	119°, 23%, 40%
HSV	119°, 37%, 49%
XYZ	11.8064, 16.6276, 9.7992
YIQ	105.3010, -12.0540, -23.8460

Conversions

Conversions Part 2

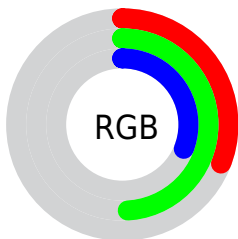
Format	Color
R_{YB}	78, 124, 123
Decimal	5209166
CIE _{Lab}	47.79, -25.47, 20.35
CIE _{LCh}	48, 32.601, 141.373
Yxy	16.6276, 0.3088, 0.4349
Android (android.graphics.Color)	4283399246 (0xFF4F7C4E)
YUV	105.3010, -13.4594, -23.0660
Hunter-Lab	40.7770, -19.6775, 14.2958

Details

The Yxy color **16.6276, 0.3088, 0.4349** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **11.1224, 0.3153, 0.2412**, and the grayscale version is **14.2516, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.7486, 0.3107, 0.4069**, and **5.4180, 0.3009, 0.4902** is the 20% darker color. If you saturate the color by 10%, you get **15.9930, 0.3074, 0.4689**, and if you desaturate by 10%, it is **17.3923, 0.3101, 0.4025**.

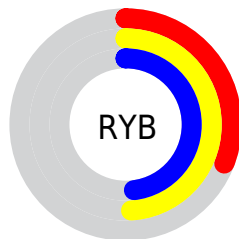
Distribution



Red (31%)

Green (49%)

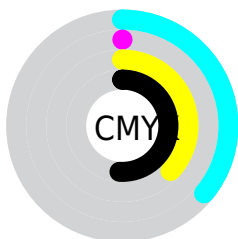
Blue (31%)



Red (31%)

Yellow (49%)

Blue (48%)

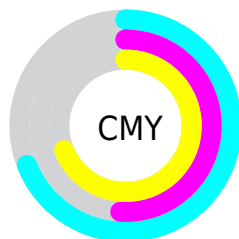


Cyan (36%)

Magenta (0%)

Yellow (37%)

Black (51%)



Cyan (69%)


Magenta (51%)

Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 16.6276, 0.3088, 0.4349 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 16.6276, 0.3088, 0.4349 by changing the saturation by 10% instead.


 16.6276, 0.3088,
0.4349


 16.6276, 0.3088,
0.4349


233.0171, 0.3128,
0.3701


 9.9693, 0.3064,
0.4570


 37.6844, 0.3111,
0.4076


 5.3786, 0.3017,
0.4903

 52.8517, 0.3116,
0.3985

 2.4711, 0.2924,
0.5477

 71.6241, 0.3120,
0.3914

 0.8621, 0.1865,
0.8135

 94.3861, 0.3123,
0.3855

 0.0000, 0.0000,
0.0000

 121.5220, 0.3124,
0.3807

153.4162, 0.3126,

0.3766

190.4531, 0.3127,
0.3731

■ 16.6276, 0.3088,
0.4349

■ 16.6276, 0.3088,
0.4349

■ 15.9930, 0.3074,
0.4689

■ 17.3923, 0.3101,
0.4025

■ 15.4792, 0.3059,
0.5029

■ 18.2916, 0.3112,
0.3727

■ 15.0793, 0.3043,
0.5347

■ 19.3322, 0.3121,
0.3460


■ 14.7846, 0.3029,
0.5619

■ 20.5198, 0.3129,
0.3224

■ 14.5852, 0.3017,
0.5823


■ 21.8598, 0.3136,
0.3019

 14.4640, 0.3009,
0.5957

 23.3575, 0.3141,
0.2841

 14.4332, 0.3007,
0.5994

 25.0176, 0.3146,
0.2687

 26.8448, 0.3149,
0.2554

 28.8437, 0.3152,
0.2440

Harmonies

Analogous

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



16.6276, 0.3707, 0.4453



16.6276, 0.3088, 0.4349



16.6276, 0.2511, 0.3841

Triad

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



16.6276, 0.3088, 0.4349



16.6276, 0.2117, 0.2350



16.6276, 0.4233, 0.3253

Complementary

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



16.6276, 0.3088, 0.4349



11.1224, 0.3153, 0.2412

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.



16.6276, 0.3717, 0.2804



16.6276, 0.3088, 0.4349



16.6276, 0.2486, 0.2303

Square

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



16.6276, 0.3088, 0.4349



16.6276, 0.1992, 0.2639



16.6276, 0.3060, 0.2468



16.6276, 0.4408, 0.3743

Rectangle

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



16.6276, 0.3088, 0.4349



16.6276, 0.2226, 0.3393



16.6276, 0.3060, 0.2468



16.6276, 0.4092, 0.3095

Sweetspot

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



16.6283, 0.3088, 0.4349



33.2205, 0.3118, 0.3568



18.8713, 0.3668, 0.4143



7.7769, 0.3117, 0.3597



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.



16.6283, 0.3088, 0.4349



28.3511, 0.3077, 0.4619



16.9475, 0.2863, 0.3842



4.4536, 0.3120, 0.3510



14.6713, 0.3007, 0.5994



69.9375, 0.3003, 0.5998

Inverse Universe

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



11.1224, 0.3153, 0.2412



17.2571, 0.3157, 0.2234



10.7079, 0.3521, 0.2800



4.0735, 0.3134, 0.3079



5.6434, 0.3159, 0.1514



26.8710, 0.3157, 0.1513

Previews

White Background



This preview shows how the Yxy color 16.6276, 0.3088, 0.4349 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 16.6276, 0.3088, 0.4349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

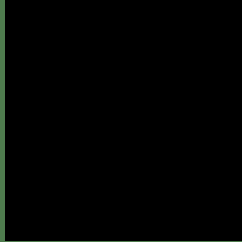
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 16.6276, 0.3088, 0.4349

Background



This preview shows how black text looks on a background with the Yxy color 16.6276, 0.3088, 0.4349.



This preview shows how white text looks on a background with the Yxy color 16.6276, 0.3088, 0.4349.

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

16.6276, 0.3088, 0.4349

Protanopia

16.5156, 0.3763, 0.4059

Deuteranopia

16.4027, 0.3853, 0.3781



Tritanopia

16.5639, 0.2683, 0.3101

Trichromacy



Original Color

16.6276, 0.3088, 0.4349

Protanomaly

16.3564, 0.3499, 0.4179

Deuteranomaly

16.2061, 0.3540, 0.3972

Tritanomaly

16.4684, 0.2835, 0.3531

Monochromacy



Original Color

16.6276, 0.3088, 0.4349

Achromatopsia

14.1263, 0.3127, 0.3290

Achromatomaly

14.9014, 0.3123, 0.3669

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.6276, 0.3088, 0.4349 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(79, 124, 78)` looks like.

```
.text, #text, p{  
    color:rgb(79, 124, 78)  
}
```

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(79, 124, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 124, 78) }
```

Border

The CSS property to change the border of an element to Yxy 16.6276, 0.3088, 0.4349 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(79, 124, 78) }
```

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

```
.border{ border-color:rgb(79, 124, 78) }
```

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

Here you see how a box with a 4 pixel rgb(79, 124, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 124, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 124, 78);  
box-shadow:4px 4px 4px 4px rgb(79, 124,  
78) }
```


Background

The CSS property to change the background color of an element to Yxy 16.6276, 0.3088, 0.4349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 124, 78) }
```

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

```
.background{ background-color: rgb(79, 124,  
78) }
```

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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