

Converting Colors

$Yxy(19.4236, 0.3260, 0.3931)$

Have a look what the booklet for
Yxy(19.4236, 0.3260, 0.3931)
contains.

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Color

Yxy(19.2745, 0.3252, 0.3916)

Conversions

Conversions Part 1

Format	Color
Hex	6D7F60
RGB	109, 127, 96
RGB Percent	43%, 50%, 38%
CMY	0.5726, 0.5019, 0.6236
CMYK	0.14, 0.00, 0.24, 0.50
HSL	95°, 14%, 44%
HSV	95°, 24%, 50%
XYZ	16.0063, 19.2745, 13.9391
YIQ	118.0840, -0.7770, -13.4570

Conversions

Conversions Part 2

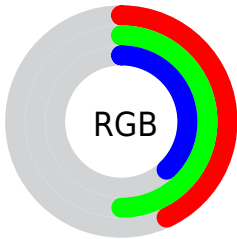
Format	Color
R _Y B	96, 127, 114
Decimal	7176032
CIE Lab	51.01, -12.71, 14.73
CIE LCh	51, 19.455, 130.787
Yxy	19.2745, 0.3252, 0.3916
Android (android.graphics.Color)	4285366112 (0xFF6D7F60)
YUV	118.0840, -10.8874, -7.9667
Hunter-Lab	43.9027, -11.7513, 11.9074

Details

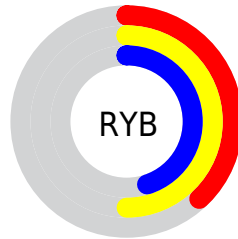
The Yxy color $19.2745, 0.3252, 0.3916$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $13.4724, 0.2971, 0.2678$, and the grayscale version is $18.1791, 0.3127, 0.3290$.

A 20% lighter version of the original color is $42.3262, 0.3226, 0.3763$, and $6.6626, 0.3297, 0.4221$ is the 20% darker color. If you saturate the color by 10%, you get $18.6118, 0.3297, 0.4204$, and if you desaturate by 10%, it is $20.0159, 0.3202, 0.3645$.

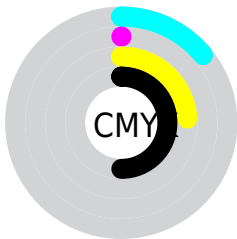
Distribution



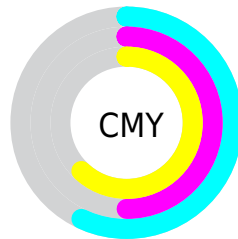
- Red (43%)
- Green (50%)
- Blue (38%)



- Red (38%)
- Yellow (50%)
- Blue (45%)



- Cyan (14%)
- Magenta (0%)
- Yellow (24%)
- Black (50%)



- Cyan (57%)
- Magenta (50%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.2745, 0.3252, 0.3916 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 19.2745, 0.3252, 0.3916 by changing the saturation by 10% instead.


 19.2745, 0.3252,
0.3916


 19.2745, 0.3252,
0.3916


247.9600, 0.3186,
0.3548


 11.8688, 0.3269,
0.4033


 42.1974, 0.3227,
0.3766


 6.6544, 0.3289,
0.4203


 58.4834, 0.3218,
0.3715

 3.2469, 0.3313,
0.4472

 78.4983, 0.3211,
0.3673

 1.2620, 0.3523,
0.5243

 102.6265, 0.3204,
0.3639

 0.1115, 0.0000,
1.0000

131.2524, 0.3199,
0.3611

 0.0000, 0.0000,
0.0000

164.7603, 0.3194,

0.3587

203.5347, 0.3190,
0.3566

■ 19.2745, 0.3252,
0.3916

■ 19.2745, 0.3252,
0.3916

■ 18.6118, 0.3297,
0.4204

■ 20.0159, 0.3202,
0.3645

■ 18.0226, 0.3335,
0.4501

■ 20.8361, 0.3150,
0.3394

■ 17.5047, 0.3362,
0.4797

■ 21.7384, 0.3098,
0.3165

■ 17.0549, 0.3375,
0.5078

■ 22.7253, 0.3047,
0.2959

■ 16.6697, 0.3370,
0.5331

■ 23.7989, 0.2998,
0.2774

■ 16.3453, 0.3347,
0.5539

■ 24.9614, 0.2952,
0.2610

■ 16.0767, 0.3308,
0.5695

■ 26.2150, 0.2908,
0.2463

■ 15.9444, 0.3285,
0.5774

■ 27.5616, 0.2868,
0.2333

■ 29.0033, 0.2830,
0.2217

Harmonies

Analogous

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



19.2745, 0.3591, 0.3925



19.2745, 0.3252, 0.3916



19.2745, 0.2892, 0.3706

Triad

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



19.2745, 0.3252, 0.3916



19.2745, 0.2480, 0.2790



19.2745, 0.3667, 0.3184

Complementary

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



19.2745, 0.3252, 0.3916



13.4724, 0.2971, 0.2678

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.



19.2745, 0.3340, 0.2921



19.2745, 0.3252, 0.3916



19.2745, 0.2660, 0.2695

Square

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



19.2745, 0.3252, 0.3916



19.2745, 0.2461, 0.3029



19.2745, 0.2969, 0.2746



19.2745, 0.3843, 0.3483

Rectangle

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



19.2745, 0.3252, 0.3916



19.2745, 0.2689, 0.3487



19.2745, 0.2969, 0.2746



19.2745, 0.3570, 0.3089

Sweetspot

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



19.2753, 0.3252, 0.3916



36.8920, 0.3165, 0.3461



17.2930, 0.3533, 0.3630



8.6217, 0.3167, 0.3472



65.5931, 0.3127, 0.3290



8.8982, 0.3127, 0.3290

Same Dimension

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



19.2753, 0.3252, 0.3916



33.8720, 0.3277, 0.4066



18.5490, 0.3075, 0.3901



4.9000, 0.3175, 0.3509



16.0781, 0.3285, 0.5774



0.0000, 0.0000, 0.0000

Inverse Universe

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



13.4724, 0.2971, 0.2678



21.6997, 0.2930, 0.2535



14.3545, 0.3182, 0.2747



4.3253, 0.3076, 0.3073



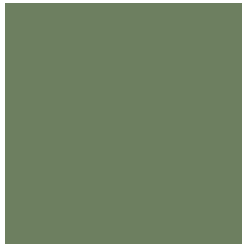
3.0022, 0.2217, 0.0995



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 19.2745, 0.3252, 0.3916 looks on a white background.

Color Contrast Check

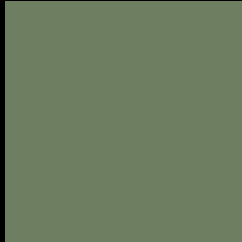
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.2745, 0.3252, 0.3916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

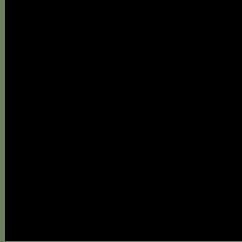
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.2745, 0.3252, 0.3916

Background



This preview shows how black text looks on a background with the Yxy color 19.2745, 0.3252, 0.3916.



This preview shows how white text looks on a background with the Yxy color 19.2745, 0.3252, 0.3916.

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

19.2745, 0.3252, 0.3916

Protanopia

19.1322, 0.3566, 0.3818

Deuteranopia

19.0353, 0.3690, 0.3614



Tritanopia

19.1624, 0.2923, 0.3101

Trichromacy



Original Color

19.2745, 0.3252, 0.3916

Protanomaly

19.1116, 0.3452, 0.3852

Deuteranomaly

18.9631, 0.3521, 0.3724

Tritanomaly

19.1920, 0.3039, 0.3387

Monochromacy



Original Color

19.2745, 0.3252, 0.3916

Achromatopsia

18.1164, 0.3127, 0.3290

Achromatomaly

18.4454, 0.3179, 0.3507

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.2745, 0.3252, 0.3916 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(109, 127, 96)` looks like.

```
.text, #text, p{  
    color:rgb(109, 127, 96)  
}
```

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(109, 127, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 127, 96) }
```

Border

The CSS property to change the border of an element to Yxy 19.2745, 0.3252, 0.3916 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(109, 127, 96) }
```

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

```
.border{ border-color:rgb(109, 127, 96) }
```

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

Here you see how a box with a 4 pixel rgb(109, 127, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 127, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 127, 96);  
box-shadow:4px 4px 4px 4px rgb(109, 127,  
96) }
```


Background

The CSS property to change the background color of an element to Yxy 19.2745, 0.3252, 0.3916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 127, 96) }
```

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

```
.background{ background-color: rgb(109,  
127, 96) }
```

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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