

Converting Colors

$Yxy(19.2093, 0.3236, 0.3966)$

Have a look what the booklet for
Yxy(19.2093, 0.3236, 0.3966)
contains.

Yxy(19.3107, 0.3235, 0.3983)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(19.3107, 0.3235, 0.3983)

Conversions

Conversions Part 1

Format	Color
Hex	6A805E
RGB	106, 128, 94
RGB Percent	42%, 50%, 37%
CMY	0.5843, 0.4980, 0.6314
CMYK	0.17, 0.00, 0.27, 0.50
HSL	99°, 15%, 44%
HSV	99°, 27%, 50%
XYZ	15.6842, 19.3107, 13.4879
YIQ	117.5460, -2.1980, -15.2380

Conversions

Conversions Part 2

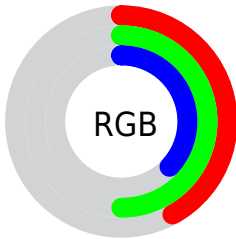
Format	Color
R_{YB}	94, 128, 116
Decimal	6979678
CIE _{Lab}	51.05, -14.75, 15.90
CIE _{LCh}	51, 21.693, 132.856
Yxy	19.3107, 0.3235, 0.3983
Android (android.graphics.Color)	4285169758 (0xFF6A805E)
YUV	117.5460, -11.6082, -10.1258
Hunter-Lab	43.9439, -13.1928, 12.5626

Details

The Yxy color **19.3107, 0.3235, 0.3983** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **13.2738, 0.2986, 0.2625**, and the grayscale version is **18.0058, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.3612, 0.3214, 0.3810**, and **6.7049, 0.3252, 0.4297** is the 20% darker color. If you saturate the color by 10%, you get **18.6176, 0.3269, 0.4279**, and if you desaturate by 10%, it is **20.0925, 0.3196, 0.3704**.

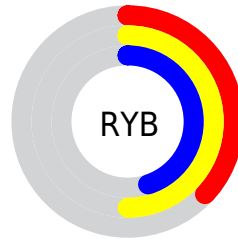
Distribution



Red (42%)

Green (50%)

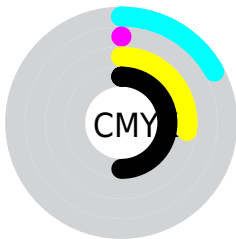
Blue (37%)



Red (37%)

Yellow (50%)

Blue (45%)

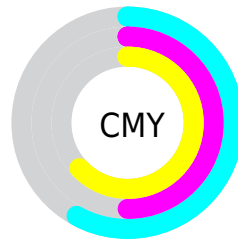


Cyan (17%)

Magenta (0%)

Yellow (27%)

Black (50%)



Cyan (58%)


Magenta (50%)


Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.3107, 0.3235, 0.3983 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 19.3107, 0.3235, 0.3983 by changing the saturation by 10% instead.


 19.3107, 0.3235,
0.3983


 19.3107, 0.3235,
0.3983


248.1587, 0.3180,
0.3574


 11.8950, 0.3247,
0.4114


 42.2585, 0.3215,
0.3816


 6.6722, 0.3261,
0.4304


 58.5593, 0.3208,
0.3759

 3.2580, 0.3272,
0.4604

 78.5906, 0.3201,
0.3713

 1.2678, 0.3503,
0.5536

 102.7369, 0.3196,
0.3676

 0.1161, 0.0000,
1.0000

131.3824, 0.3191,
0.3644

 0.0000, 0.0000,
0.0000

164.9116, 0.3187,

0.3617

203.7089, 0.3183,
0.3594

■ 19.3107, 0.3235,
0.3983

■ 19.3107, 0.3235,
0.3983

■ 18.6176, 0.3269,
0.4279

■ 20.0925, 0.3196,
0.3704

■ 18.0075, 0.3295,
0.4585

■ 20.9636, 0.3155,
0.3446

■ 17.4777, 0.3310,
0.4889

■ 21.9277, 0.3113,
0.3213

■ 17.0245, 0.3311,
0.5176

■ 22.9876, 0.3071,
0.3002

■ 16.6437, 0.3297,
0.5428

■ 24.1460, 0.3030,
0.2815

■ 16.3308, 0.3267,
0.5632

■ 25.4054, 0.2992,
0.2649

■ 16.0787, 0.3225,
0.5783

■ 26.7683, 0.2955,
0.2501

■ 16.0021, 0.3212,
0.5832

■ 28.2370, 0.2921,
0.2371

■ 29.8138, 0.2889,
0.2255

Harmonies

Analogous

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



19.3107, 0.3618, 0.4004



19.3107, 0.3235, 0.3983



19.3107, 0.2839, 0.3734

Triad

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



19.3107, 0.3235, 0.3983



19.3107, 0.2419, 0.2721



19.3107, 0.3750, 0.3192

Complementary

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



19.3107, 0.3235, 0.3983



13.2738, 0.2986, 0.2625

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.



19.3107, 0.3392, 0.2899



19.3107, 0.3235, 0.3983



19.3107, 0.2628, 0.2631

Square

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



19.3107, 0.3235, 0.3983



19.3107, 0.2385, 0.2973



19.3107, 0.2978, 0.2698



19.3107, 0.3931, 0.3522

Rectangle

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



19.3107, 0.3235, 0.3983



19.3107, 0.2620, 0.3482



19.3107, 0.2978, 0.2698



19.3107, 0.3645, 0.3087

Sweetspot

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



19.3115, 0.3235, 0.3983



36.6507, 0.3162, 0.3486



17.7801, 0.3565, 0.3703



8.5319, 0.3167, 0.3520



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.



19.3115, 0.3235, 0.3983



33.2294, 0.3257, 0.4164



18.7096, 0.3047, 0.3914



4.8870, 0.3165, 0.3509



15.8677, 0.3212, 0.5832



0.0000, 0.0000, 0.0000

Inverse Universe

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



13.2738, 0.2986, 0.2625



20.6927, 0.2945, 0.2460



14.0348, 0.3220, 0.2737



4.3387, 0.3085, 0.3074



3.3585, 0.2362, 0.1075



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 19.3107, 0.3235, 0.3983 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 19.3107, 0.3235, 0.3983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

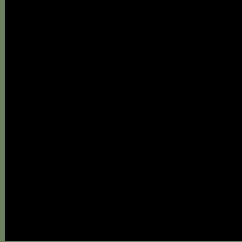
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.3107, 0.3235, 0.3983

Background



This preview shows how black text looks on a background with the Yxy color 19.3107, 0.3235, 0.3983.



This preview shows how white text looks on a background with the Yxy color 19.3107, 0.3235, 0.3983.

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

19.3107, 0.3235, 0.3983

Protanopia

19.1759, 0.3604, 0.3854

Deuteranopia

19.0861, 0.3729, 0.3648



Tritanopia

19.3041, 0.2890, 0.3100

Trichromacy



Original Color

19.3107, 0.3235, 0.3983

Protanomaly

19.2530, 0.3459, 0.3911

Deuteranomaly

18.9263, 0.3546, 0.3763

Tritanomaly

19.3141, 0.3015, 0.3407

Monochromacy



Original Color

19.3107, 0.3235, 0.3983

Achromatopsia

18.1164, 0.3127, 0.3290

Achromatomaly

18.6006, 0.3177, 0.3547

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.3107, 0.3235, 0.3983 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(106, 128, 94)` looks like.

```
.text, #text, p{  
    color:rgb(106, 128, 94)  
}
```

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(106, 128, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 128, 94) }
```

Border

The CSS property to change the border of an element to Yxy 19.3107, 0.3235, 0.3983 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(106, 128, 94) }
```

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

```
.border{ border-color:rgb(106, 128, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 128, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 128, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 128, 94);  
box-shadow:4px 4px 4px 4px rgb(106, 128,  
94) }
```


Background

The CSS property to change the background color of an element to Yxy 19.3107, 0.3235, 0.3983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 128, 94) }
```

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

```
.background{ background-color: rgb(106,  
128, 94) }
```

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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