

Converting Colors

$Y_{xy}(19.2741, 0.4870, 0.4269)$

Have a look what the booklet for
Yxy(19.2741, 0.4870, 0.4269)
contains.

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Color

Yxy(19.2591, 0.4873, 0.4272)

Conversions

Conversions Part 1

Format	Color
Hex	A96C1F
RGB	169, 108, 31
RGB Percent	66%, 42%, 12%
CMY	0.3373, 0.5764, 0.8785
CMYK	0.00, 0.36, 0.82, 0.34
HSL	33°, 69%, 39%
HSV	33°, 82%, 66%
XYZ	21.9685, 19.2591, 3.8545
YIQ	117.4610, 61.0730, -11.0150

Conversions

Conversions Part 2

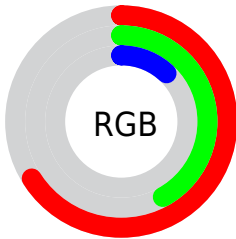
Format	Color
R_{YB}	140, 169, 31
Decimal	11103263
CIE _{Lab}	50.99, 18.10, 49.83
CIE _{LCh}	51, 53.015, 70.033
Yxy	19.2591, 0.4873, 0.4272
Android (android.graphics.Color)	4289293343 (0xFFA96C1F)
YUV	117.4610, -42.6253, 45.1997
Hunter-Lab	43.8852, 12.5564, 25.5121

Details

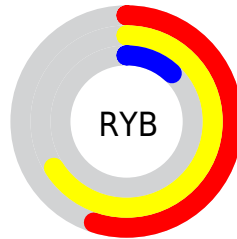
The Yxy color **19.2591, 0.4873, 0.4272** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **10.7997, 0.1882, 0.1760**, and the grayscale version is **18.0610, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.4088, 0.4526, 0.4136**, and **6.6765, 0.5243, 0.4219** is the 20% darker color. If you saturate the color by 10%, you get **17.6851, 0.5077, 0.4266**, and if you desaturate by 10%, it is **21.0166, 0.4641, 0.4227**.

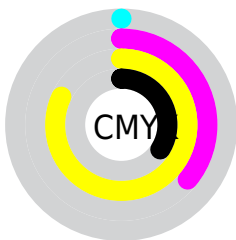
Distribution



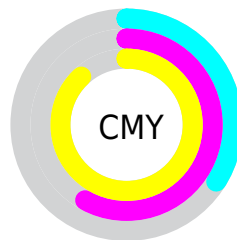
- Red (66%)
- Green (42%)
- Blue (12%)



- Red (55%)
- Yellow (66%)
- Blue (12%)



- Cyan (0%)
- Magenta (36%)
- Yellow (82%)
- Black (34%)





- Cyan (34%)
- Magenta (58%)
- Yellow (88%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.2591, 0.4873, 0.4272 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 19.2591, 0.4873, 0.4272 by changing the saturation by 10% instead.


 19.2591, 0.4873,
0.4272


 19.2591, 0.4873,
0.4272


247.8754, 0.3926,
0.3816


 11.8576, 0.5100,
0.4335


 42.1715, 0.4526,
0.4134

 6.6468, 0.5421,
0.4412


 58.4512, 0.4395,
0.4072


 3.2422, 0.5675,
0.4325

 78.4591, 0.4284,
0.4016

 1.2595, 0.5946,
0.4054

 102.5796, 0.4190,
0.3966

 0.1095, 0.8330,
0.1670

 131.1970, 0.4110,
0.3922

 0.0000, 0.0000,
0.0000

 164.6959, 0.4040,

0.3883

203.4606, 0.3980,
0.3848

19.2591, 0.4873,
0.4272

19.2591, 0.4873,
0.4272

17.6851, 0.5077,
0.4266

21.0166, 0.4641,
0.4227

16.4967, 0.5229,
0.4230

22.9644, 0.4396,
0.4141

25.1119, 0.4150,
0.4023

27.4669, 0.3914,
0.3887

30.0366, 0.3694,
0.3741

■ 32.8278, 0.3493,
0.3594

■ 35.8469, 0.3312,
0.3449

■ 39.0999, 0.3152,
0.3312

■ 42.5925, 0.3010,
0.3183

Harmonies

Analogous

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



19.2591, 0.5052, 0.3582



19.2591, 0.4873, 0.4272



19.2591, 0.4223, 0.4899

Triad

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



19.2591, 0.4873, 0.4272



19.2591, 0.1806, 0.3455



19.2591, 0.2649, 0.1994

Complementary

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



19.2591, 0.4873, 0.4272



10.7997, 0.1882, 0.1760

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.



19.2591, 0.1943, 0.1860



19.2591, 0.4873, 0.4272



19.2591, 0.1520, 0.2519

Square

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



19.2591, 0.4873, 0.4272



19.2591, 0.2457, 0.4563



19.2591, 0.1573, 0.2010



19.2591, 0.3633, 0.2371

Rectangle

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



19.2591, 0.4873, 0.4272



19.2591, 0.3650, 0.5128



19.2591, 0.1573, 0.2010



19.2591, 0.2376, 0.1920

Sweetspot

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



19.2601, 0.4873, 0.4272



57.3863, 0.3546, 0.3634



10.2035, 0.4662, 0.2527



12.1339, 0.3615, 0.3685



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



19.2601, 0.4873, 0.4272



29.6213, 0.5217, 0.4225



36.1564, 0.4063, 0.5006



8.2107, 0.3272, 0.3416



12.4063, 0.5215, 0.4241



0.4013, 0.4797, 0.4573

Inverse Universe

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



10.7997, 0.1882, 0.1760



14.1446, 0.1728, 0.1407



4.2527, 0.1669, 0.0840



7.8256, 0.2987, 0.3161



5.9544, 0.1728, 0.1420



0.2476, 0.1911, 0.2078

Previews

White Background



This preview shows how the Yxy color 19.2591, 0.4873, 0.4272 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 19.2591, 0.4873, 0.4272 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 19.2591, 0.4873, 0.4272

Background



This preview shows how black text looks on a background with the Yxy color 19.2591, 0.4873, 0.4272.



This preview shows how white text looks on a background with the Yxy color 19.2591, 0.4873, 0.4272.

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

19.2591, 0.4873, 0.4272

Protanopia

19.3588, 0.4253, 0.4683

Deuteranopia

19.3422, 0.4590, 0.4534



Tritanopia

19.2743, 0.4066, 0.3187

Trichromacy



Original Color

19.2591, 0.4873, 0.4272

Protanomaly

19.2276, 0.4482, 0.4525

Deuteranomaly

19.2650, 0.4701, 0.4437

Tritanomaly

19.2505, 0.4440, 0.3651

Monochromacy



Original Color

19.2591, 0.4873, 0.4272

Achromatopsia

17.7888, 0.3127, 0.3290

Achromatomaly

17.9408, 0.3788, 0.3808

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.2591, 0.4873, 0.4272 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(169, 108, 31)` looks like.

```
.text, #text, p{  
    color:rgb(169, 108, 31)  
}
```

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(169, 108, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 108, 31) }
```

Border

The CSS property to change the border of an element to Yxy 19.2591, 0.4873, 0.4272 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(169, 108, 31) }
```

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

```
.border{ border-color:rgb(169, 108, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 108, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 108, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 108, 31);  
box-shadow:4px 4px 4px 4px rgb(169, 108,  
31) }
```


Background

The CSS property to change the background color of an element to Yxy 19.2591, 0.4873, 0.4272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 108, 31) }
```

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

```
.background{ background-color: rgb(169,  
108, 31) }
```

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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