

Converting Colors

$Y_{xy}(19.3193, 0.4137, 0.4893)$

Have a look what the booklet for
Yxy(19.3193, 0.4137, 0.4893)
contains.

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Color

Yxy(19.2538, 0.4134, 0.4891)

Conversions

Conversions Part 1

Format	Color
Hex	7F7D1A
RGB	127, 125, 26
RGB Percent	50%, 49%, 10%
CMY	0.5019, 0.5098, 0.8979
CMYK	0.00, 0.02, 0.79, 0.50
HSL	59°, 66%, 30%
HSV	59°, 79%, 50%
XYZ	16.2738, 19.2538, 3.8382
YIQ	114.3120, 32.9710, -30.3650

Conversions

Conversions Part 2

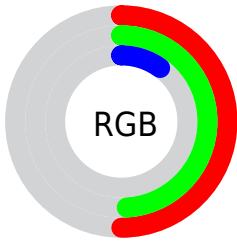
Format	Color
R_{YB}	28, 127, 26
Decimal	8355098
CIE Lab	50.98, -11.08, 49.91
CIE LCh	51, 51.125, 102.512
Yxy	19.2538, 0.4134, 0.4891
Android (android.graphics.Color)	4286545178 (0xFF7F7D1A)
YUV	114.3120, -43.5378, 11.1274
Hunter-Lab	43.8792, -10.5868, 25.5292

Details

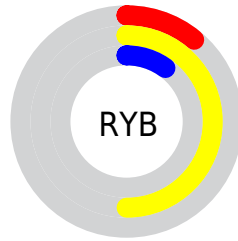
The Yxy color **19.2538, 0.4134, 0.4891** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **2.5857, 0.1694, 0.0937**, and the grayscale version is **17.0541, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.0761, 0.3971, 0.4557**, and **6.6647, 0.4173, 0.5069** is the 20% darker color. If you saturate the color by 10%, you get **19.1460, 0.4188, 0.4971**, and if you desaturate by 10%, it is **19.3888, 0.4055, 0.4771**.

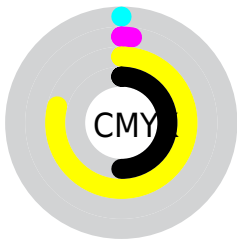
Distribution



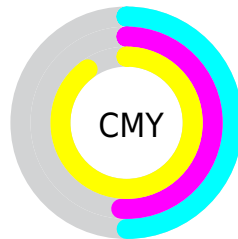
- Red (50%)
- Green (49%)
- Blue (10%)



- Red (11%)
- Yellow (50%)
- Blue (10%)



- Cyan (0%)
- Magenta (2%)
- Yellow (79%)
- Black (50%)



- Cyan (50%)
- Magenta (51%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.2538, 0.4134, 0.4891 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 19.2538, 0.4134, 0.4891 by changing the saturation by 10% instead.

19.2538, 0.4134,
0.4891

19.2538, 0.4134,
0.4891

247.8463, 0.3625,
0.4008

11.8538, 0.4228,
0.5109

42.1625, 0.3963,
0.4562

6.6442, 0.4364,
0.5435

58.4400, 0.3893,
0.4439

3.2406, 0.4337,
0.5663

78.4455, 0.3832,
0.4336

1.2586, 0.4131,
0.5869

102.5634, 0.3779,
0.4249

0.1088, 0.0000,
1.0000

131.1780, 0.3733,
0.4175

0.0000, 0.0000,
0.0000

164.6738, 0.3692,

0.4112

203.4351, 0.3657,
0.4056

19.2538, 0.4134,
0.4891

19.2538, 0.4134,
0.4891

19.1460, 0.4188,
0.4971

19.3888, 0.4055,
0.4771

19.0537, 0.4225,
0.5023

19.5512, 0.3954,
0.4613

19.0491, 0.4227,
0.5026

19.7444, 0.3834,
0.4423

19.9708, 0.3699,
0.4209

20.2324, 0.3556,
0.3980

■ 20.5310, 0.3409,
0.3744

■ 20.8684, 0.3262,
0.3508

■ 21.2463, 0.3120,
0.3279

■ 21.6662, 0.2985,
0.3059

Harmonies

Analogous

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



19.2538, 0.4785, 0.4310



19.2538, 0.4134, 0.4891



19.2538, 0.3273, 0.5047

Triad

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



19.2538, 0.4134, 0.4891



19.2538, 0.1557, 0.2492



19.2538, 0.3701, 0.2438

Complementary

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



19.2538, 0.4134, 0.4891



2.5857, 0.1694, 0.0937

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.



19.2538, 0.2737, 0.2051



19.2538, 0.4134, 0.4891



19.2538, 0.1633, 0.2025

Square

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



19.2538, 0.4134, 0.4891



19.2538, 0.1810, 0.3366



19.2538, 0.2022, 0.1900



19.2538, 0.4594, 0.2996

Rectangle

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



19.2538, 0.4134, 0.4891



19.2538, 0.2688, 0.4722



19.2538, 0.2022, 0.1900



19.2538, 0.3366, 0.2286

Sweetspot

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



19.2547, 0.4134, 0.4891



36.4809, 0.3483, 0.3864



5.3441, 0.5694, 0.3254



8.5040, 0.3528, 0.3936



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.



19.2547, 0.4134, 0.4891



34.1568, 0.4214, 0.5007



16.9565, 0.3494, 0.5349



5.0052, 0.3257, 0.3499



19.2084, 0.4227, 0.5026



0.0000, 0.0000, 0.0000

Inverse Universe

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



2.5857, 0.1694, 0.0937



3.0466, 0.1531, 0.0658



3.6959, 0.2239, 0.1189



4.2244, 0.2993, 0.3072



1.6004, 0.1505, 0.0619



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 19.2538, 0.4134, 0.4891 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 19.2538, 0.4134, 0.4891 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 19.2538, 0.4134, 0.4891

Background



This preview shows how black text looks on a background with the Yxy color 19.2538, 0.4134, 0.4891.



This preview shows how white text looks on a background with the Yxy color 19.2538, 0.4134, 0.4891.

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

19.2538, 0.4134, 0.4891

Protanopia

19.3076, 0.4311, 0.4769

Deuteranopia

19.1327, 0.4580, 0.4490



Tritanopia

19.1480, 0.3251, 0.3112

Trichromacy



Original Color

19.2538, 0.4134, 0.4891

Protanomaly

19.2227, 0.4244, 0.4819

Deuteranomaly

19.2117, 0.4421, 0.4636

Tritanomaly

18.8374, 0.3653, 0.3832

Monochromacy



Original Color

19.2538, 0.4134, 0.4891

Achromatopsia

16.8269, 0.3127, 0.3290

Achromatomaly

17.4880, 0.3577, 0.4008

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.2538, 0.4134, 0.4891 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(127, 125, 26)` looks like.

```
.text, #text, p{  
    color:rgb(127, 125, 26)  
}
```

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(127, 125, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 125, 26) }
```

Border

The CSS property to change the border of an element to Yxy 19.2538, 0.4134, 0.4891 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(127, 125, 26) }
```

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

```
.border{ border-color:rgb(127, 125, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 125, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 125, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 125, 26);  
box-shadow:4px 4px 4px 4px rgb(127, 125,  
26) }
```


Background

The CSS property to change the background color of an element to Yxy 19.2538, 0.4134, 0.4891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 125, 26) }
```

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

```
.background{ background-color: rgb(127,  
125, 26) }
```

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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