

Converting Colors

YUV(106.5360, -19.4912,
45.1339)

Have a look what the booklet for
YUV(106.5360, -19.4912, 45.1339)
contains.

YUV(106.5360, -19.4912, 45.1339)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(106.5360, -19.4912,
45.1339)**

Conversions

Conversions Part 1

Format	Color
Hex	9E5843
RGB	158, 88, 67
RGB Percent	62%, 35%, 26%
CMY	0.3804, 0.6549, 0.7373
CMYK	0.00, 0.44, 0.58, 0.38
HSL	14°, 40%, 44%
HSV	14°, 58%, 62%
XYZ	18.6034, 14.6538, 7.1581
YIQ	106.5360, 48.4610, 8.3090

Conversions

Conversions Part 2

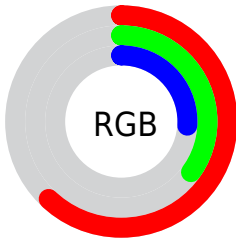
Format	Color
R _Y B	158, 94, 67
Decimal	10377283
CIE Lab	45.16, 26.70, 24.72
CIE LCh	45, 36.388, 42.798
Yxy	14.6538, 0.4603, 0.3626
Android (android.graphics.Color)	4288567363 (0xFF9E5843)
YUV	106.5360, -19.4912, 45.1339
Hunter-Lab	38.2803, 19.7567, 15.7094

Details

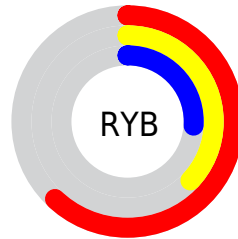
The YUV color **106.5360, -19.4912, 45.1339** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **118.4640, 19.4912, -45.1339**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.2870, -21.8335, 49.7373**, and **57.1870, -16.8542, 39.3010** is the 20% darker color. If you saturate the color by 10%, you get **97.6680, -23.0073, 52.9112**, and if you desaturate by 10%, it is **115.4040, -15.9752, 37.3567**.

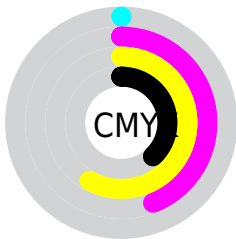
Distribution



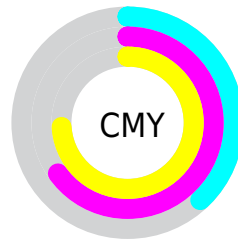
- Red (62%)
- Green (35%)
- Blue (26%)



- Red (62%)
- Yellow (37%)
- Blue (26%)



- Cyan (0%)
- Magenta (44%)
- Yellow (58%)
- Black (38%)



- Cyan (38%)
- Magenta (65%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.5360, -19.4912, 45.1339 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 YUV color 106.5360, -19.4912, 45.1339 by changing the saturation by 10% instead.

■ 106.5360,
-19.4912, 45.1339

■ 106.5360,
-19.4912, 45.1339

■ 255.0000, 0.0000,
0.0000

■ 81.4540, -18.4648,
42.5748

■ 159.2870,
-21.8335, 49.7373

■ 57.1870, -16.8542,
39.3010

■ 186.7710,
-22.5651, 51.0668

■ 32.7030, -16.1226,
37.9715

■ 208.6880,
-20.0592, 40.6156

■ 14.9500, -7.3703,
30.7388

■ 228.2020,
-16.3686, 23.5018

■ 4.4850, -2.2111,
9.2217

■ 248.4170,
-12.5306, 5.7733

■ 0.0000, 0.0000,
0.0000

■ 254.5440, -1.7472,

0.3999

■ 106.5360,
-19.4912, 45.1339

■ 106.5360,
-19.4912, 45.1339

■ 97.6680, -23.0073,
52.9112

■ 115.4040,
-15.9752, 37.3567

■ 88.8000, -26.5234,
60.6884

■ 124.2720,
-12.4591, 29.5795

■ 80.0460, -29.6027,
68.3657

■ 133.0260, -9.3798,
21.9022

■ 70.5910, -32.8294,
76.6577

■ 142.4810, -6.1531,
13.6102

■ 68.3740, -33.7084,
78.6020

■ 151.3490, -2.6371,
5.8329

■ 160.2170, 0.8790,
-1.9443

■ 169.0850, 4.3951,
-9.7215

■ 177.8390, 7.4744,
-17.3988

■ 186.7070, 10.9904,
-25.1760

Harmonies

Analogous

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



107.4130, -6.1196, 49.6268



106.5360, -19.4912, 45.1339



105.1460, -28.1730, 29.6900

Triad

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



106.5360, -19.4912, 45.1339



89.7300, -0.8529, -53.2602



104.7670, 30.1879, -22.5977

Complementary

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



106.5360, -19.4912, 45.1339



118.4640, 19.4912, -45.1339

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.



86.2010, 38.3549, -75.5983



106.5360, -19.4912, 45.1339



85.1800, 16.6733, -74.7029

Square

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



106.5360, -19.4912, 45.1339



99.2540, -18.8592, -17.7628



87.1980, 29.4824, -76.4726



110.1800, 20.6173, 13.8741

Rectangle

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



106.5360, -19.4912, 45.1339



103.7160, -29.4400, 16.0351



87.1980, 29.4824, -76.4726



100.3630, 32.8520, -37.1524

Sweetspot

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



106.5360, -19.4912, 45.1339



187.0470, -7.9112, 17.4988



102.3030, 17.5986, 48.8463



92.6270, -4.2531, 10.8511



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



106.5360, -19.4912, 45.1339



126.1280, -30.6291, 70.9247



132.3640, -32.2245, 22.4828



74.5660, -1.7580, 3.8886



62.1280, -30.6291, 70.9247



6.8330, -3.3687, 7.1625

Inverse Universe

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



118.4640, 19.4912, -45.1339



144.8720, 30.6291, -70.9247



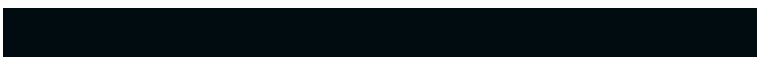
92.6360, 32.2245, -22.4828



75.4340, 1.7580, -3.8886



80.8720, 30.6291, -70.9247



8.7540, 3.0793, -7.6773

Previews

White Background



This preview shows how the YUV color 106.5360, -19.4912, 45.1339 looks on a white background.

Color Contrast Check

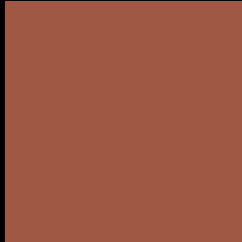
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 106.5360, -19.4912, 45.1339 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](#).

YUV 106.5360, -19.4912, 45.1339

Background



This preview shows how black text looks on a background with the YUV color 106.5360, -19.4912, 45.1339.



This preview shows how white text looks on a background with the YUV color 106.5360, -19.4912,

45.1339.

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

106.5360, -19.4912, 45.1339

Protanopia

106.0430, -15.3042, 8.7323

Deuteranopia

106.0400, -20.7257, 21.0129



Tritanopia

108.1090, -8.4347, 45.5084

Trichromacy



Original Color

106.5360, -19.4912, 45.1339

Protanomaly

106.0770, -16.8000, 21.8575

Deuteranomaly

106.2090, -20.3160, 29.6347

Tritanomaly

107.3710, -12.5079, 45.2786

Monochromacy



Original Color

106.5360, -19.4912, 45.1339

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

106.8620, -7.3270, 16.7840

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.5360, -19.4912, 45.1339 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(158, 88, 67)` looks like.

```
.text, #text, p{  
    color:rgb(158, 88, 67)  
}
```

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(158, 88, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 88, 67) }
```

Border

The CSS property to change the border of an element to YUV 106.5360, -19.4912, 45.1339 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(158, 88, 67) }
```


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

```
.border{ border-color:rgb(158, 88, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 88, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 88, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 88, 67);  
box-shadow:4px 4px 4px 4px rgb(158, 88,  
67) }
```

Background

The CSS property to change the background color of an element to YUV 106.5360, -19.4912, 45.1339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 88, 67) }
```

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

```
.background{ background-color: rgb(158, 88,  
67) }
```

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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