

Converting Colors

YUV(117.6950, -51.1216,
16.9305)

Have a look what the booklet for
YUV(117.6950, -51.1216, 16.9305)
contains.

YUV(117.6950, -51.1216, 16.9305)	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(117.6950, -51.1216,
16.9305)**

Conversions

Conversions Part 1

Format	Color
Hex	89800E
RGB	137, 128, 14
RGB Percent	54%, 50%, 5%
CMY	0.4627, 0.4980, 0.9451
CMYK	0.00, 0.07, 0.90, 0.46
HSL	56°, 81%, 30%
HSV	56°, 90%, 54%
XYZ	18.1150, 20.7884, 3.4733
YIQ	117.6950, 41.9580, -33.5460

Conversions

Conversions Part 2

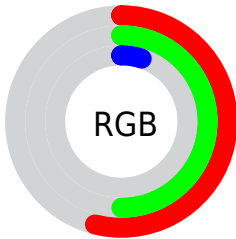
Format	Color
R _Y B	24, 137, 14
Decimal	9011214
CIE Lab	52.72, -8.45, 55.05
CIE LCh	53, 55.694, 98.730
Yxy	20.7884, 0.4275, 0.4906
Android (android.graphics.Color)	4287201294 (0xFF89800E)
YUV	117.6950, -51.1216, 16.9305
Hunter-Lab	45.5943, -8.8707, 27.3994

Details

The YUV color **117.6950, -51.1216, 16.9305** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **33.3050, 51.1216, -16.9305**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.9880, -48.8011, 19.3045**, and **71.1900, -35.0967, 10.3574** is the 20% darker color. If you saturate the color by 10%, you get **115.5120, -56.9474, 18.8450**, and if you desaturate by 10%, it is **119.8780, -45.2959, 15.0160**.

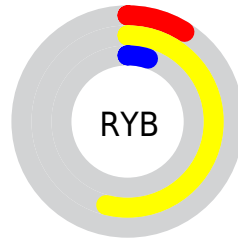
Distribution



Red (54%)

Green (50%)

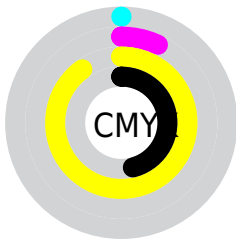
Blue (5%)



Red (9%)

Yellow (54%)

Blue (5%)

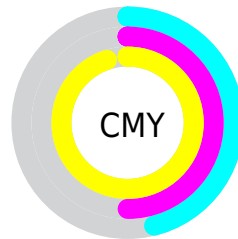


Cyan (0%)

Magenta (7%)

Yellow (90%)

Black (46%)



Cyan (46%)

Magenta (50%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.6950, -51.1216, 16.9305 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 117.6950, -51.1216, 16.9305 by changing the saturation by 10% instead.

■ 117.6950,
-51.1216, 16.9305

■ 117.6950,
-51.1216, 16.9305

■ 255.0000, 0.0000,
0.0000

■ 93.3510, -46.0220,
14.6012

■ 171.9880,
-48.8011, 19.3045

■ 71.1900, -35.0967,
10.3574

■ 200.0590,
-49.8221, 20.1193

■ 50.5020, -24.8975,
5.6987

■ 228.5430,
-50.5537, 21.4488

■ 30.1130, -14.8457,
1.6549

■ 243.3720,
-44.5534, 10.1978

■ 8.8050, -4.3409,
-7.7220

■ 246.4500,
-32.7599, 7.4983

■ 0.0000, 0.0000,
0.0000

■ 249.7560,

-20.0927, 4.5990

■ 253.0620, -7.4256,
1.6996

■ 117.6950,
-51.1216, 16.9305

■ 117.6950,
-51.1216, 16.9305

■ 115.5120,
-56.9474, 18.8450

■ 119.8780,
-45.2959, 15.0160

■ 121.9470,
-39.9069, 13.2015

■ 124.1300,
-34.0811, 11.2870

■ 126.3130,
-28.2553, 9.3725

■ 128.4960,
-22.4295, 7.4580

■ 130.5650,
-17.0405, 5.6435

■ 132.7480,
-11.2148, 3.7290

■ 134.9310, -5.3890,
1.8145

■ 137.0000, 0.0000,
0.0000

Harmonies

Analogous

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



121.6140, -44.6727, 48.5735



117.6950, -51.1216, 16.9305



112.7250, -33.3884, -24.3148

Triad

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



117.6950, -51.1216, 16.9305



107.3790, 38.2672, -94.1714



127.5430, 16.9873, 58.2828

Complementary

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



117.6950, -51.1216, 16.9305



33.3050, 51.1216, -16.9305

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.



129.3770, 35.3101, 14.5784



117.6950, -51.1216, 16.9305



106.6900, 53.3968, -93.5671

Square

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



117.6950, -51.1216, 16.9305



102.7220, 17.8851, -90.0872



112.0020, 53.7360, -62.2688



122.7570, -4.3172, 78.2661

Rectangle

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



117.6950, -51.1216, 16.9305



100.6240, -13.6186, -65.4452



112.0020, 53.7360, -62.2688



128.7740, 23.2824, 45.8022

Sweetspot

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



117.6950, -51.1216, 16.9305



171.0660, -20.2455, 6.9581



51.9170, -13.7631, 74.6178



84.6340, -11.6516, 3.8290



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



117.6950, -51.1216, 16.9305



150.3760, -74.1354, 25.1032



107.7290, -46.2084, -19.0563



67.6150, -2.7682, 1.2146



111.9680, -55.2002, 18.4451



4.4300, -2.1840, 0.4999

Inverse Universe

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



33.3050, 51.1216, -16.9305



28.0370, 74.4248, -24.5884



43.2710, 46.2084, 19.0563



62.7980, 3.0576, -0.6998



21.0320, 55.2002, -18.4451



0.5700, 2.1840, -0.4999

Previews

White Background



This preview shows how the YUV color 117.6950, -51.1216, 16.9305 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 YUV color 117.6950, -51.1216, 16.9305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

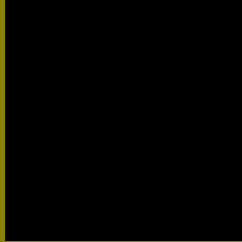
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 117.6950, -51.1216, 16.9305

Background



This preview shows how black text looks on a background with the YUV color 117.6950, -51.1216, 16.9305.



This preview shows how white text looks on a background with the YUV color 117.6950, -51.1216, 16.9305.

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

117.6950, -51.1216, 16.9305

Protanopia

117.9020, -51.7167, 21.1339

Deuteranopia

119.9020, -48.2657, 34.2889



Tritanopia

127.8000, 0.0986, 15.0844

Trichromacy



Original Color

117.6950, -51.1216, 16.9305

Protanomaly

117.8910, -51.7113, 19.3896

Deuteranomaly

118.9290, -49.2650, 28.1263

Tritanomaly

123.9900, -18.2361, 15.7948

Monochromacy



Original Color

117.6950, -51.1216, 16.9305

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

118.1090, -18.7877, 6.0434

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.6950, -51.1216, 16.9305 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(137, 128, 14)` looks like.

```
.text, #text, p{  
    color:rgb(137, 128, 14)  
}
```

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(137, 128, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 128, 14) }
```

Border

The CSS property to change the border of an element to YUV 117.6950, -51.1216, 16.9305 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(137, 128, 14) }
```


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

```
.border{ border-color:rgb(137, 128, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 128, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 128, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 128, 14);  
box-shadow:4px 4px 4px 4px rgb(137, 128,  
14) }
```

Background

The CSS property to change the background color of an element to YUV 117.6950, -51.1216, 16.9305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 128, 14) }
```

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

```
.background{ background-color: rgb(137,  
128, 14) }
```

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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