

Converting Colors

YUV(117.9910, -36.4776,
33.3339)

Have a look what the booklet for
YUV(117.9910, -36.4776, 33.3339)
contains.

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Color

**YUV(117.9910, -36.4776,
33.3339)**

Conversions

Conversions Part 1

Format	Color
Hex	9C712C
RGB	156, 113, 44
RGB Percent	61%, 44%, 17%
CMY	0.3882, 0.5569, 0.8275
CMYK	0.00, 0.28, 0.72, 0.39
HSL	37°, 56%, 39%
HSV	37°, 72%, 61%
XYZ	20.0701, 19.0600, 5.0040
YIQ	117.9910, 47.7770, -12.3430

Conversions

Conversions Part 2

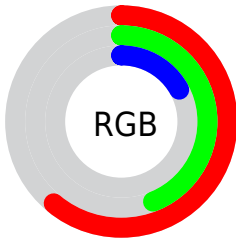
Format	Color
RYB	114, 156, 44
Decimal	10252588
CIELab	50.76, 9.99, 43.46
CIElCh	51, 44.594, 77.049
Yxy	19.0600, 0.4548, 0.4319
Android (android.graphics.Color)	4288442668 (0xFF9C712C)
YUV	117.9910, -36.4776, 33.3339
Hunter-Lab	43.6578, 5.6576, 23.7647

Details

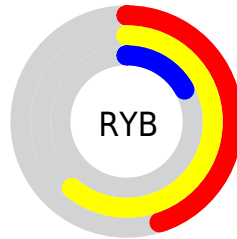
The YUV color **117.9910, -36.4776, 33.3339** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **82.0090, 36.4776, -33.3339**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.4430, -38.6724, 37.3225**, and **68.3540, -33.6985, 28.6305** is the 20% darker color. If you saturate the color by 10%, you get **112.6450, -41.7300, 38.0223**, and if you desaturate by 10%, it is **123.3370, -31.2251, 28.6455**.

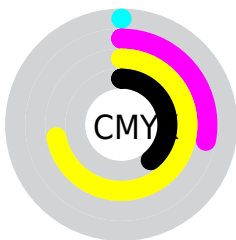
Distribution



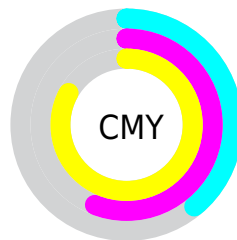
- Red (61%)
- Green (44%)
- Blue (17%)



- Red (45%)
- Yellow (61%)
- Blue (17%)



- Cyan (0%)
- Magenta (28%)
- Yellow (72%)
- Black (39%)



- Cyan (39%)
- Magenta (56%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.9910, -36.4776, 33.3339 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 117.9910, -36.4776, 33.3339 by changing the saturation by 10% instead.

■ 117.9910,
-36.4776, 33.3339

■ 117.9910,
-36.4776, 33.3339

255.0000, 0.0000,
0.0000

■ 92.5670, -36.7615,
31.0747

■ 171.4430,
-38.6724, 37.3225

■ 68.3540, -33.6985,
28.6305

■ 198.9270,
-39.4040, 38.6520

■ 47.3670, -23.3519,
23.3571

■ 221.9150,
-37.9191, 29.0155

■ 27.8530, -13.7315,
17.6689

■ 241.4290,
-34.2285, 11.9018

■ 7.1760, -3.5378,
14.7546

■ 248.7300,
-24.0239, 5.4988

■ 0.0000, 0.0000,
0.0000

■ 252.0360,

-11.3567, 2.5994

■ 117.9910,
-36.4776, 33.3339

■ 117.9910,
-36.4776, 33.3339

■ 112.6450,
-41.7300, 38.0223

■ 123.3370,
-31.2251, 28.6455

■ 107.4130,
-46.5456, 42.6108

■ 128.5690,
-26.4095, 24.0570

■ 102.9960,
-50.7770, 46.4845

■ 133.9150,
-21.1571, 19.3685

■ 139.1470,
-16.3415, 14.7801

■ 144.4930,
-11.0890, 10.0916

■ 149.8390, -5.8366,
5.4032

■ 155.0710, -1.0210,
0.8147

■ 160.4170, 4.2314,
-3.8737

■ 165.6490, 9.0470,
-8.4622

Harmonies

Analogous

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



119.8700, -26.0649, 53.6110



117.9910, -36.4776, 33.3339



115.0430, -35.5172, 5.2243

Triad

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



117.9910, -36.4776, 33.3339



98.3680, 21.5106, -86.2687



124.7450, 23.7897, 23.0256

Complementary

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



117.9910, -36.4776, 33.3339



82.0090, 36.4776, -33.3339

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.



118.9010, 37.0238, -21.8382



117.9910, -36.4776, 33.3339



100.4830, 37.2299, -88.1236

Square

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



117.9910, -36.4776, 33.3339



93.3350, 4.7648, -81.8548



98.5400, 47.5548, -86.4196



122.5070, 8.1310, 52.1754

Rectangle

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



117.9910, -36.4776, 33.3339



111.7890, -27.0110, -16.4780



98.5400, 47.5548, -86.4196



123.9220, 28.6325, 9.7154

Sweetspot

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



117.9910, -36.4776, 33.3339



188.8910, -14.7363, 13.2506



82.6180, 3.1463, 64.3560



93.0520, -8.8996, 7.8474



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



117.9910, -36.4776, 33.3339



144.7210, -57.0505, 51.9877



139.9430, -47.2999, 4.4350



76.3270, -2.6262, 2.3442



94.4130, -46.5456, 42.6108



9.7680, -4.8156, 4.5885

Inverse Universe

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



82.0090, 36.4776, -33.3339



88.2790, 57.0505, -51.9877



60.0570, 47.2999, -4.4350



73.6730, 2.6262, -2.3442



48.5870, 46.5456, -42.6108



5.2320, 4.8156, -4.5885

Previews

White Background



This preview shows how the YUV color 117.9910, -36.4776, 33.3339 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 117.9910, -36.4776, 33.3339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

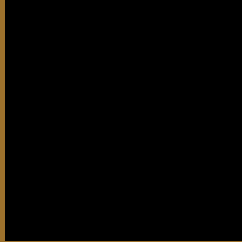
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 117.9910, -36.4776, 33.3339

Background



This preview shows how black text looks on a background with the YUV color 117.9910, -36.4776, 33.3339.



This preview shows how white text looks on a background with the YUV color 117.9910, -36.4776,

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

117.9910, -36.4776, 33.3339

Protanopia

116.6360, -34.8235, 16.1052

Deuteranopia

117.5560, -36.7561, 29.3304



Tritanopia

123.3570, -4.6130, 33.0129

Trichromacy



Original Color

117.9910, -36.4776, 33.3339

Protanomaly

117.1530, -35.5714, 22.6678

Deuteranomaly

117.5670, -36.7615, 31.0747

Tritanomaly

121.6700, -16.1063, 32.7384

Monochromacy



Original Color

117.9910, -36.4776, 33.3339

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

117.9340, -13.2785, 12.3359

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.9910, -36.4776, 33.3339 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(156, 113, 44)` looks like.

```
.text, #text, p{  
    color:rgb(156, 113, 44)  
}
```

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(156, 113, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 113, 44) }
```

Border

The CSS property to change the border of an element to YUV 117.9910, -36.4776, 33.3339 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(156, 113, 44) }
```


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

```
.border{ border-color:rgb(156, 113, 44) }
```

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

Here you see how a box with a 4 pixel rgb(156, 113, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 113, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 113, 44);  
box-shadow:4px 4px 4px 4px rgb(156, 113,  
44) }
```

Background

The CSS property to change the background color of an element to YUV 117.9910, -36.4776, 33.3339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 113, 44) }
```

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

```
.background{ background-color: rgb(156,  
113, 44) }
```

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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