

# Converting Colors

YUV(116.6920, -36.3302,  
32.7191)

Have a look what the booklet for  
YUV(116.6920, -36.3302, 32.7191)  
contains.

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# Color

**YUV(116.6920, -36.3302,  
32.7191)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9A702B
RGB	154, 112, 43
RGB Percent	60%, 44%, 17%
CMY	0.3961, 0.5608, 0.8314
CMYK	0.00, 0.27, 0.72, 0.40
HSL	37°, 56%, 39%
HSV	37°, 72%, 60%
XYZ	19.5566, 18.6328, 4.8512
YIQ	116.6920, 47.1810, -12.5550

# Conversions

## Conversions Part 2

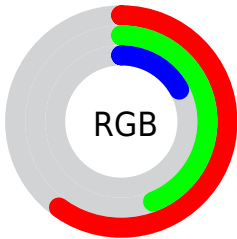
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	111, 154, 43
Decimal	10121259
CIE <sub>Lab</sub>	50.25, 9.60, 43.33
CIE <sub>LCh</sub>	50, 44.381, 77.507
Yxy	18.6328, 0.4544, 0.4329
Android (android.graphics.Color)	4288311339 (0xFF9A702B)
YUV	116.6920, -36.3302, 32.7191
Hunter-Lab	43.1657, 5.3312, 23.5526

# Details

The YUV color **116.6920, -36.3302, 32.7191** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **80.3080, 36.3302, -32.7191**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.1440, -38.5250, 36.7077**, and **67.1690, -33.1143, 27.9158** is the 20% darker color. If you saturate the color by 10%, you get **111.4600, -41.1458, 37.3076**, and if you desaturate by 10%, it is **121.9240, -31.5145, 28.1307**.

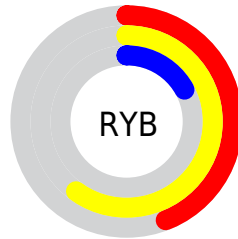
# Distribution



Red (60%)

Green (44%)

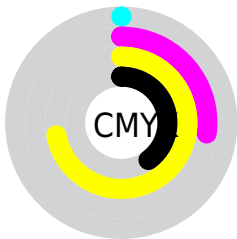
Blue (17%)



Red (44%)

Yellow (60%)

Blue (17%)

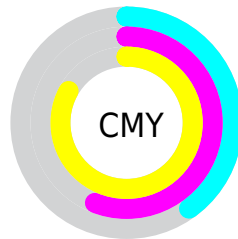


Cyan (0%)

Magenta (27%)

Yellow (72%)

Black (40%)



Cyan (40%)

Magenta (56%)


Yellow (83%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 116.6920, -36.3302, 32.7191 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 116.6920, -36.3302, 32.7191 by changing the saturation by 10% instead.





 116.6920,  
-36.3302, 32.7191

 116.6920,  
-36.3302, 32.7191


255.0000, 0.0000,  
0.0000


 91.2680, -36.6141,  
30.4600


 170.1440,  
-38.5250, 36.7077


 67.1690, -33.1143,  
27.9158


 197.6280,  
-39.2566, 38.0372

 46.1820, -22.7677,  
22.6424


 220.6270,  
-37.7771, 30.1451


 26.6680, -13.1473,  
16.9542

 240.7280,  
-34.3759, 12.5165

 6.5780, -3.2430,  
13.5251

 248.6160,  
-24.4607, 5.5988

 0.0000, 0.0000,  
0.0000

 251.8080,

-12.2303, 2.7994

■ 116.6920,  
-36.3302, 32.7191

■ 116.6920,  
-36.3302, 32.7191

■ 111.4600,  
-41.1458, 37.3076

■ 121.9240,  
-31.5145, 28.1307

■ 106.1140,  
-46.3982, 41.9960

■ 127.2700,  
-26.2621, 23.4422

■ 102.3980,  
-50.4822, 45.2550

■ 131.9150,  
-21.1571, 19.3685

■ 137.2610,  
-15.9047, 14.6801

■ 142.4930,  
-11.0890, 10.0916

■ 147.7250, -6.2734,  
5.5032

■ 153.0710, -1.0210,  
0.8147

■ 158.3030, 3.7946,  
-3.7737

■ 163.0620, 9.3364,  
-7.9474

# Harmonies

## Analogous

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



118.4570, -26.3543, 53.0962



116.6920, -36.3302, 32.7191



113.2710, -34.6436, 5.0243

# Triad

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



116.6920, -36.3302, 32.7191



97.0800, 21.6526, -85.1392



123.6310, 23.3529, 23.1256

# Complementary

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



116.6920, -36.3302, 32.7191



80.3080, 36.3302, -32.7191

# 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.



118.0860, 36.4396, -21.1234



116.6920, -36.3302, 32.7191



99.6680, 36.6457, -87.4088

# Square

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



116.6920, -36.3302, 32.7191



92.0470, 4.9068, -80.7252



97.1380, 47.2600, -85.1900



121.3930, 7.6943, 52.2753



# Rectangle

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



116.6920, -36.3302, 32.7191



110.3160, -26.2848, -16.0631



97.1380, 47.2600, -85.1900



122.8080, 28.1957, 9.8154

# Sweetspot

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



116.6920, -36.3302, 32.7191



186.5920, -14.5889, 12.6358



81.0910, 2.4201, 63.9412



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.



116.6920, -36.3302, 32.7191



143.1230, -56.7556, 50.7581



137.4590, -46.5683, 3.1055



74.3270, -2.6262, 2.3442



92.9290, -45.8140, 41.2813



8.5830, -4.2314, 3.8737



# Inverse Universe

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



80.3080, 36.3302, -32.7191



86.4640, 56.4662, -51.2729



59.5410, 46.5683, -3.1055



71.6730, 2.6262, -2.3442



47.0710, 45.8140, -41.2813



4.4170, 4.2314, -3.8737



# Previews

## White Background



This preview shows how the YUV color 116.6920, -36.3302, 32.7191 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 116.6920, -36.3302, 32.7191 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 116.6920, -36.3302, 32.7191 Background



This preview shows how black text looks on a background with the YUV color 116.6920, -36.3302, 32.7191.



This preview shows how white text looks on a background with the YUV color 116.6920, -36.3302, 32.7191.



# 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

116.6920, -36.3302, 32.7191

### Protanopia

115.6360, -34.8235, 16.1052

### Deuteranopia

116.5560, -36.7561, 29.3304



## Tritanopia

122.0580, -4.4656, 32.3981

# Trichromacy



## Original Color

116.6920, -36.3302, 32.7191

## Protanomaly

115.8540, -35.4240, 22.0530

## Deuteranomaly

116.2680, -36.6141, 30.4600

## Tritanomaly

120.3710, -15.9589, 32.1236

# Monochromacy



## Original Color

116.6920, -36.3302, 32.7191

## Achromatopsia

117.0000, 0.0000, 0.0000

## Achromatomaly

116.6350, -13.1311, 11.7211

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 116.6920, -36.3302, 32.7191 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(154, 112, 43)` looks like.

```
.text, #text, p{  
    color:rgb(154, 112, 43)  
}
```

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(154, 112, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 112, 43) }
```

## Border

The CSS property to change the border of an element to YUV 116.6920, -36.3302, 32.7191 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(154, 112, 43) }
```



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

```
.border{ border-color:rgb(154, 112, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 112, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 112, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 112, 43);  
box-shadow:4px 4px 4px 4px rgb(154, 112,  
43) }
```

# Background

The CSS property to change the background color of an element to YUV 116.6920, -36.3302, 32.7191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 112, 43) }
```

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

```
.background{ background-color: rgb(154,  
112, 43) }
```

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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