

# Converting Colors

YUV(126.7240, -51.6289,  
39.7071)

Have a look what the booklet for  
YUV(126.7240, -51.6289, 39.7071)  
contains.

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# Color

**YUV(126.7240, -51.6289,  
39.7071)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AC7C16
RGB	172, 124, 22
RGB Percent	67%, 49%, 9%
CMY	0.3255, 0.5137, 0.9137
CMYK	0.00, 0.28, 0.87, 0.33
HSL	41°, 77%, 38%
HSV	41°, 87%, 67%
XYZ	24.3657, 23.2439, 3.9614
YIQ	126.7240, 61.3500, -21.5460

# Conversions

## Conversions Part 2

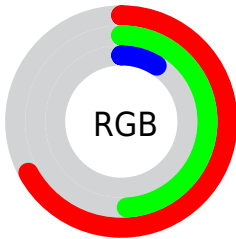
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	93, 172, 22
Decimal	11303958
CIE <sub>Lab</sub>	55.32, 10.20, 56.70
CIE <sub>LCh</sub>	55, 57.609, 79.800
Yxy	23.2439, 0.4725, 0.4507
Android (android.graphics.Color)	4289494038 (0xFFAC7C16)
YUV	126.7240, -51.6289, 39.7071
Hunter-Lab	48.2119, 5.8409, 28.8767

# Details

The YUV color **126.7240, -51.6289, 39.7071** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **67.2760, 51.6289, -39.7071**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.5720, -51.0610, 44.2254**, and **78.4100, -38.6561, 32.0894** is the 20% darker color. If you saturate the color by 10%, you get **121.2640, -57.3182, 44.4955**, and if you desaturate by 10%, it is **132.1840, -45.9397, 34.9186**.

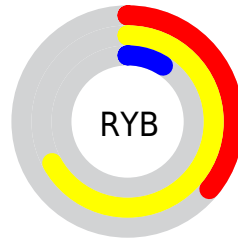
# Distribution



Red (67%)

Green (49%)

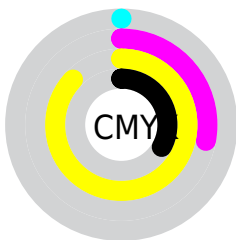
Blue (9%)



Red (36%)

Yellow (67%)

Blue (9%)

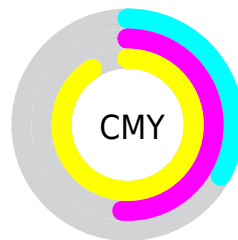


Cyan (0%)

Magenta (28%)

Yellow (87%)

Black (33%)



Cyan (33%)

Magenta (51%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 126.7240, -51.6289, 39.7071 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 126.7240, -51.6289, 39.7071 by changing the saturation by 10% instead.



■ 126.7240,  
-51.6289, 39.7071

■ 126.7240,  
-51.6289, 39.7071

■ 255.0000, 0.0000,  
0.0000

■ 100.8700,  
-49.7289, 36.9480

■ 181.5720,  
-51.0610, 44.2254

■ 78.4100, -38.6561,  
32.0894

■ 207.8490,  
-51.1976, 41.3514

■ 57.1240, -28.1621,  
26.2013

■ 227.3630,  
-47.5070, 24.2376

■ 36.7240, -18.1049,  
20.4131

■ 243.9420,  
-42.3694, 9.6979

■ 16.9220, -8.3425,  
15.8544

■ 247.1340,  
-30.1391, 6.8985

■ 0.0000, 0.0000,  
0.0000

■ 250.3260,

-17.9087, 4.0991

253.6320, -5.2416,  
1.1997

126.7240,  
-51.6289, 39.7071

126.7240,  
-51.6289, 39.7071

121.2640,  
-57.3182, 44.4955

132.1840,  
-45.9397, 34.9186

120.1070,  
-59.2128, 45.5102

137.0570,  
-39.9611, 30.6450

142.6310,  
-33.8351, 25.7566

147.5040,  
-27.8565, 21.4830

152.9640,  
-22.1673, 16.6946

■ 157.8370,  
-16.1886, 12.4210

■ 163.2970,  
-10.4994, 7.6325

■ 168.2840, -4.0840,  
3.2589

■ 173.7440, 1.6052,  
-1.5295

# Harmonies

## Analogous

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



129.1400, -35.5650, 67.4062



126.7240, -51.6289, 39.7071



122.7040, -48.1681, 2.8906

# Triad

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



126.7240, -51.6289, 39.7071



110.3820, 26.9267, -96.8050



136.2440, 30.4457, 34.8660

# Complementary

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



126.7240, -51.6289, 39.7071



67.2760, 51.6289, -39.7071

# 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.



129.7400, 47.9492, -26.0820



126.7240, -51.6289, 39.7071



113.5230, 46.5772, -99.5597

# Square

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



126.7240, -51.6289, 39.7071



103.8670, 4.5026, -91.0914



110.2750, 59.5174, -96.7112



131.7960, 9.9606, 72.0929



# Rectangle

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



126.7240, -51.6289, 39.7071



118.1870, -34.1092, -26.4740



110.2750, 59.5174, -96.7112



136.3280, 36.3203, 17.2523

# Sweetspot

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



126.7240, -51.6289, 39.7071



206.8220, -20.1252, 15.0651



72.5500, -0.2711, 87.2177



101.5530, -12.1046, 9.1620



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000



# Same Dimension

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



126.7240, -51.6289, 39.7071



156.7870, -77.2960, 58.9458



147.4250, -61.8345, -0.3727



84.2130, -3.0630, 2.4442



104.7240, -51.6289, 39.7071



16.2690, -8.0206, 5.9031



# Inverse Universe

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



67.2760, 51.6289, -39.7071



67.8000, 77.0066, -59.4606



46.5750, 61.8345, 0.3727



80.7870, 3.0630, -2.4442



45.2760, 51.6289, -39.7071



6.7310, 8.0206, -5.9031



# Previews

## White Background



This preview shows how the YUV color 126.7240, -51.6289, 39.7071 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 126.7240, -51.6289, 39.7071 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 126.7240, -51.6289, 39.7071

## Background



This preview shows how black text looks on a background with the YUV color 126.7240, -51.6289, 39.7071.



This preview shows how white text looks on a background with the YUV color 126.7240, -51.6289, 39.7071.



# 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

126.7240, -51.6289, 39.7071

### Protanopia

125.7710, -49.6801, 21.2488

### Deuteranopia

126.5880, -52.0549, 36.3183



## Tritanopia

134.8630, -5.3555, 37.8311

# Trichromacy



## Original Color

126.7240, -51.6289, 39.7071

## Protanomaly

126.2880, -50.4280, 27.8114

## Deuteranomaly

126.3000, -51.9129, 37.4479

## Tritanomaly

131.8080, -22.0903, 38.7564

# Monochromacy



## Original Color

126.7240, -51.6289, 39.7071

## Achromatopsia

127.0000, 0.0000, 0.0000

## Achromatomaly

126.8650, -18.6674, 14.1504

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 126.7240, -51.6289, 39.7071 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(172, 124, 22)` looks like.

```
.text, #text, p{  
    color:rgb(172, 124, 22)  
}
```

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(172, 124, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 124, 22) }
```

## Border

The CSS property to change the border of an element to YUV 126.7240, -51.6289, 39.7071 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(172, 124, 22) }
```



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

```
.border{ border-color:rgb(172, 124, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 124, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 124, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 124, 22);  
box-shadow:4px 4px 4px 4px rgb(172, 124,  
22) }
```

# Background

The CSS property to change the background color of an element to YUV 126.7240, -51.6289, 39.7071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 124, 22) }
```

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

```
.background{ background-color: rgb(172,  
124, 22) }
```

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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