

# Converting Colors

YUV(68.4690, -27.8392,  
62.7327)

Have a look what the booklet for  
YUV(68.4690, -27.8392, 62.7327)  
contains.

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# Color

**YUV(68.4690, -27.8392,  
62.7327)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8C2B0C
RGB	140, 43, 12
RGB Percent	55%, 17%, 5%
CMY	0.4510, 0.8314, 0.9529
CMYK	0.00, 0.69, 0.91, 0.45
HSL	15°, 84%, 30%
HSV	15°, 91%, 55%
XYZ	11.7455, 7.3297, 1.1436
YIQ	68.4690, 67.7630, 10.9230

# Conversions

## Conversions Part 2

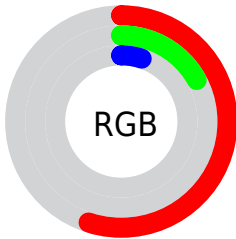
Format	Color
<a href="#">RYB</a>	<a href="#">140, 53, 12</a>
Decimal	<a href="#">9186060</a>
CIELab	<a href="#">32.55, 39.80, 39.90</a>
CIElCh	<a href="#">33, 56.355, 45.076</a>
Yxy	<a href="#">7.3297, 0.5809, 0.3625</a>
Android (android.graphics.Color)	<a href="#">4287376140 (0xFF8C2B0C)</a>
YUV	<a href="#">68.4690, -27.8392, 62.7327</a>
Hunter-Lab	<a href="#">27.0735, 30.0610, 16.4471</a>

# Details

The YUV color **68.4690, -27.8392, 62.7327** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **83.5310, 27.8392, -62.7327**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.5900, -31.3499, 68.7656**, and **24.5180, -12.0874, 50.4117** is the 20% darker color. If you saturate the color by 10%, you get **61.8180, -30.4763, 68.5656**, and if you desaturate by 10%, it is **76.5220, -24.9073, 55.6702**.

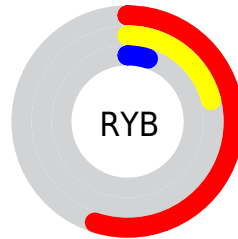
# Distribution



Red (55%)

Green (17%)

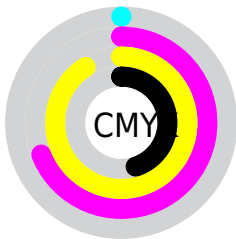
Blue (5%)



Red (55%)

Yellow (21%)

Blue (5%)

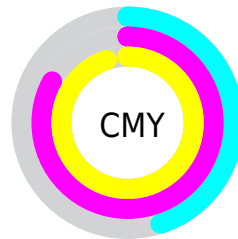


Cyan (0%)

Magenta (69%)

Yellow (91%)

Black (45%)



Cyan (45%)

Magenta (83%)


Yellow (95%)


# Brightness & Saturation Gradients


These gradients show how the YUV color 68.4690, -27.8392, 62.7327 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 68.4690, -27.8392, 62.7327 by changing the saturation by 10% instead.





 68.4690, -27.8392,  
62.7327

 68.4690, -27.8392,  
62.7327


 253.6320, -5.2416,  
1.1997


 41.4070, -20.4137,  
61.0331


 121.5900,  
-31.3499, 68.7656


 24.5180, -12.0874,  
50.4117

 148.8570,  
-32.9605, 72.0394


 16.5590, -7.6706,  
33.7128

 174.7320,  
-33.3919, 70.3950

 5.3820, -2.6533,  
11.0660

 193.5450,  
-29.8487, 53.8960


 0.0000, 0.0000,  
0.0000


 212.9450,  
-26.5949, 36.8822


 233.0460,


-23.1937, 19.2537


 250.3260,  
-17.9087, 4.0991


 68.4690, -27.8392,  
62.7327


 68.4690, -27.8392,  
62.7327


 61.8180, -30.4763,  
68.5656

 76.5220, -24.9073,  
55.6702

 83.9880, -21.6861,  
49.1225

 92.0410, -18.7542,  
42.0600

 99.5070, -15.5330,  
35.5124

 107.5600,  
-12.6011, 28.4499

■ 115.6130, -9.6692,  
21.3874

■ 123.0790, -6.4479,  
14.8397

■ 131.1320, -3.5161,  
7.7772

■ 138.5980, -0.2948,  
1.2296

# Harmonies

## Analogous

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



60.3490, -2.1441, 81.2549



68.4690, -27.8392, 62.7327



72.2300, -35.6094, 34.8783

# Triad

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



68.4690, -27.8392, 62.7327



61.1060, -4.4893, -53.5900



62.7210, 49.9305, -55.0063

# Complementary

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



68.4690, -27.8392, 62.7327



83.5310, 27.8392, -62.7327

# 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.



70.2380, 45.7317, -61.5987



68.4690, -27.8392, 62.7327



67.0510, 15.7509, -58.8037

# Square

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



68.4690, -27.8392, 62.7327



54.0260, -26.6348, -43.8728



71.0240, 33.5122, -62.2880



77.8790, 30.6257, 23.7851



# Rectangle

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



68.4690, -27.8392, 62.7327



71.5110, -35.2549, 14.4609



71.0240, 33.5122, -62.2880



65.8840, 49.3572, -57.7803

# Sweetspot

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



68.4690, -27.8392, 62.7327



153.6950, -10.6956, 23.9465



61.4440, 23.9381, 68.8936



75.6660, -6.7373, 14.3249



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000



# Same Dimension

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



68.4690, -27.8392, 62.7327



79.9470, -39.4139, 88.6235



105.4500, -46.0708, 30.3004



65.2670, -1.6106, 3.2738



58.5510, -28.8656, 65.2918



2.0820, -1.0264, 2.5591



# Inverse Universe

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



83.5310, 27.8392, -62.7327



101.0530, 39.4139, -88.6235



46.5500, 46.0709, -30.3003



65.7330, 1.6106, -3.2738



73.8620, 29.1550, -64.7770

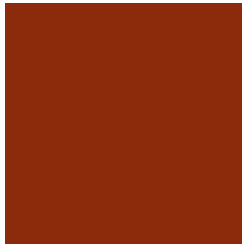


2.9180, 1.0264, -2.5591



# Previews

## White Background



This preview shows how the YUV color 68.4690, -27.8392, 62.7327 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 ✓ Pass



# Black Background



This preview shows how the YUV color 68.4690, -27.8392, 62.7327 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

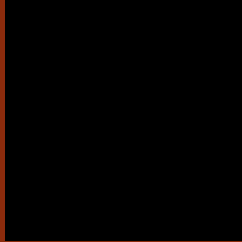
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 68.4690, -27.8392, 62.7327

## Background



This preview shows how black text looks on a background with the YUV color 68.4690, -27.8392, 62.7327.



This preview shows how white text looks on a background with the YUV color 68.4690, -27.8392,



# 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

68.4690, -27.8392, 62.7327

### Protanopia

74.1930, -26.2241, 11.2317

### Deuteranopia

72.7400, -35.8608, 22.1530



## Tritanopia

70.4270, -14.0145, 61.8925

# Trichromacy



## Original Color

68.4690, -27.8392, 62.7327

## Protanomaly

71.9010, -26.5732, 29.9048

## Deuteranomaly

71.2240, -33.1414, 36.6376

## Tritanomaly

69.7600, -19.1087, 62.4775

# Monochromacy



## Original Color

68.4690, -27.8392, 62.7327

## Achromatopsia

68.0000, 0.0000, 0.0000

## Achromatomaly

68.2110, -9.9640, 22.6170

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 68.4690, -27.8392, 62.7327 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(140, 43, 12)` looks like.

```
.text, #text, p{  
    color:rgb(140, 43, 12)  
}
```

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(140, 43, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 43, 12) }
```

## Border

The CSS property to change the border of an element to YUV 68.4690, -27.8392, 62.7327 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(140, 43, 12) }
```



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

```
.border{ border-color:rgb(140, 43, 12) }
```

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

Here you see how a box with a 4 pixel rgb(140, 43, 12) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 43, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 43, 12);  
box-shadow:4px 4px 4px 4px rgb(140, 43,  
12) }
```

# Background

The CSS property to change the background color of an element to YUV 68.4690, -27.8392, 62.7327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 43, 12) }
```

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

```
.background{ background-color: rgb(140, 43,  
12) }
```

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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