

# Converting Colors

YUV(65.1070, -32.0978,  
75.3282)

Have a look what the booklet for  
YUV(65.1070, -32.0978, 75.3282)  
contains.

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# Color

**YUV(65.1070, -32.0978,  
75.3282)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	972200
RGB	151, 34, 0
RGB Percent	59%, 13%, 0%
CMY	0.4078, 0.8667, 1.0000
CMYK	0.00, 0.77, 1.00, 0.41
HSL	14°, 100%, 30%
HSV	14°, 100%, 59%
XYZ	13.3345, 7.7234, 0.7880
YIQ	65.1070, 80.6460, 14.2300

# Conversions

## Conversions Part 2

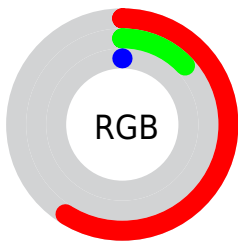
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	151, 44, 0
Decimal	9904640
CIE Lab	33.40, 46.88, 46.32
CIE LCh	33, 65.897, 44.656
Yxy	7.7234, 0.6104, 0.3535
Android (android.graphics.Color)	4288094720 (0xFF972200)
YUV	65.1070, -32.0978, 75.3282
Hunter-Lab	27.7909, 37.0129, 17.7726

# Details

The YUV color **65.1070, -32.0978, 75.3282** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **85.8930, 32.0978, -75.3282**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.9290, -35.4610, 80.7463**, and **27.2090, -13.4140, 55.9447** is the 20% darker color. If you saturate the color by 10%, you get **65.1070, -32.0978, 75.3282**, and if you desaturate by 10%, it is **73.8610, -29.0185, 67.6509**.

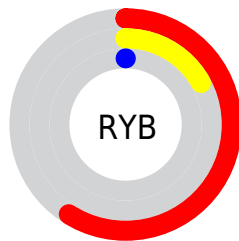
# Distribution



Red (59%)

Green (13%)

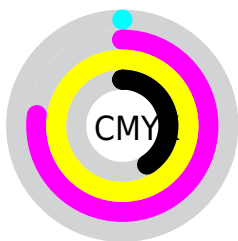
Blue (0%)



Red (59%)

Yellow (17%)

Blue (0%)

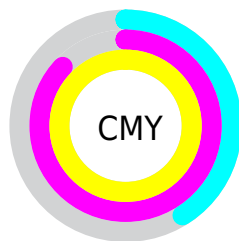


Cyan (0%)

Magenta (77%)

Yellow (100%)

Black (41%)



Cyan (41%)

Magenta (87%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 65.1070, -32.0978, 75.3282 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 65.1070, -32.0978, 75.3282 by changing the saturation by 10% instead.



65.1070, -32.0978,  
75.3282

65.1070, -32.0978,  
75.3282

252.4920, -9.6096,  
2.1995

36.1790, -17.8362,  
74.3880

120.9290,  
-35.4610, 80.7463

27.2090, -13.4140,  
55.9447

148.7830,  
-37.3610, 83.5053

18.9510, -8.8498,  
38.6310

170.7710,  
-35.8761, 73.8688

9.6820, -4.2802,  
19.5729

190.0570,  
-33.0591, 56.9550


0.0000, 0.0000,  
0.0000


209.4570,  
-29.8053, 39.9412


228.9710,


-26.1147, 22.8274


 249.1860,  
-22.2767, 5.0989

 65.1070, -32.0978,  
75.3282

 73.8610, -29.0185,  
67.6509

 82.0280, -25.6498,  
60.4884

 90.7820, -22.5705,  
52.8112

 99.5360, -19.4912,  
45.1339

 108.4040,  
-15.9752, 37.3567

■ 116.5710,  
-12.6065, 30.1942

■ 125.3250, -9.5272,  
22.5170

■ 134.0790, -6.4479,  
14.8397

■ 142.2460, -3.0793,  
7.6773

# Harmonies

## Analogous

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



56.0180, -0.0089, 96.4542



65.1070, -32.0978, 75.3282



74.0240, -36.4938, 38.5670

# Triad

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



65.1070, -32.0978, 75.3282



63.1120, -6.9572, -55.3492



65.8330, 56.7773, -57.7355

# Complementary

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



65.1070, -32.0978, 75.3282



85.8930, 32.0978, -75.3282

# 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.



75.2250, 52.1471, -65.9723



65.1070, -32.0978, 75.3282



70.5560, 16.4879, -61.8776

# Square

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



65.1070, -32.0978, 75.3282



55.1780, -27.2028, -48.3911



75.4410, 37.7436, -66.1618



78.3230, 37.3088, 26.9037



# Rectangle

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



65.1070, -32.0978, 75.3282



73.2830, -36.1285, 14.6608



75.4410, 37.7436, -66.1618



70.3980, 56.4988, -61.7390

# Sweetspot

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



65.1070, -32.0978, 75.3282



162.8590, -12.7485, 29.0647



58.6010, 29.2837, 81.0339



79.1610, -7.4744, 17.3988



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000



# Same Dimension

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



65.1070, -32.0978, 75.3282



84.4320, -41.6250, 97.8451



108.5450, -53.5127, 37.2330



72.5660, -1.7580, 3.8886



60.6440, -29.8975, 69.5952



5.6480, -2.7845, 6.4477



# Inverse Universe

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



85.8930, 32.0978, -75.3282



111.5680, 41.6250, -97.8451



42.4550, 53.5127, -37.2330



73.4340, 1.7580, -3.8886



79.9430, 29.6081, -70.1100

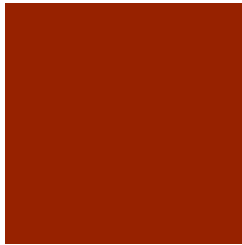


7.3520, 2.7845, -6.4477



# Previews

## White Background



This preview shows how the YUV color 65.1070, -32.0978, 75.3282 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 65.1070, -32.0978, 75.3282 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

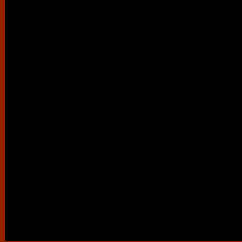
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 65.1070, -32.0978, 75.3282

## Background



This preview shows how black text looks on a background with the YUV color 65.1070, -32.0978, 75.3282.



This preview shows how white text looks on a background with the YUV color 65.1070, -32.0978,



# 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



### Protanopia

75.9220, -28.5555, 12.3464

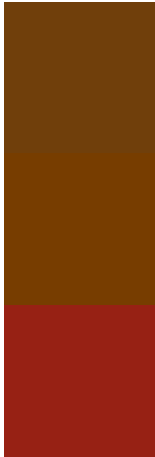
### Deuteranopia

74.8110, -36.8818, 22.9678

### Tritanopia

67.5810, -17.5414, 73.1585

# Trichromacy



## Protanomaly

71.7230, -29.9364, 35.3229

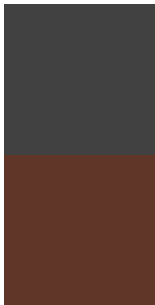
## Deuteranomaly

71.3880, -35.1943, 41.7557

## Tritanomaly

66.8000, -23.0724, 73.8434

# Monochromacy



## Achromatopsia

65.0000, 0.0000, 0.0000

## Achromatomaly

65.0760, -11.8695, 27.1203

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 65.1070, -32.0978, 75.3282 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(151, 34, 0)` looks like.

```
.text, #text, p{  
    color:rgb(151, 34, 0)  
}
```

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(151, 34, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 34, 0) }
```

## Border

The CSS property to change the border of an element to YUV 65.1070, -32.0978, 75.3282 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(151, 34, 0) }
```

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

```
.border{ border-color:rgb(151, 34, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 34, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 34, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 34, 0);  
box-shadow:4px 4px 4px 4px rgb(151, 34, 0)  
}
```



# Background

The CSS property to change the background color of an element to YUV 65.1070, -32.0978, 75.3282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 34, 0) }
```

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

```
.background{ background-color: rgb(151, 34,  
0) }
```

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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