

# Converting Colors

YUV(90.5130, -44.6229,  
79.3571)

Have a look what the booklet for  
YUV(90.5130, -44.6229, 79.3571)  
contains.

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# Color

**YUV(90.5130, -44.6229,  
79.3571)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B53E00
RGB	181, 62, 0
RGB Percent	71%, 24%, 0%
CMY	0.2902, 0.7569, 1.0000
CMYK	0.00, 0.66, 1.00, 0.29
HSL	21°, 100%, 35%
HSV	21°, 100%, 71%
XYZ	20.7787, 13.2690, 1.4660
YIQ	90.5130, 90.8260, 5.9460

# Conversions

## Conversions Part 2

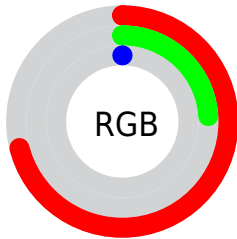
Format	Color
R <sub>Y</sub> B	181, 94, 0
Decimal	11877888
CIE Lab	43.17, 46.18, 54.43
CIE LCh	43, 71.381, 49.687
Yxy	13.2690, 0.5851, 0.3736
Android (android.graphics.Color)	4290067968 (0xFFB53E00)
YUV	90.5130, -44.6229, 79.3571
Hunter-Lab	36.4266, 38.0743, 23.1125

# Details

The YUV color **90.5130, -44.6229, 79.3571** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **90.4870, 44.6229, -79.3571**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.8450, -44.7866, 85.2049**, and **35.5810, -17.5414, 73.1585** is the 20% darker color. If you saturate the color by 10%, you get **90.5130, -44.6229, 79.3571**, and if you desaturate by 10%, it is **99.6090, -40.2332, 71.3799**.

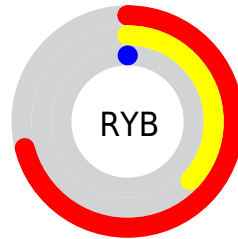
# Distribution



Red (71%)

Green (24%)

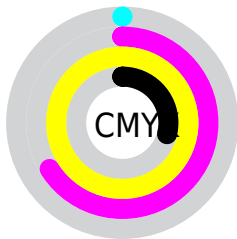
Blue (0%)



Red (71%)

Yellow (37%)

Blue (0%)

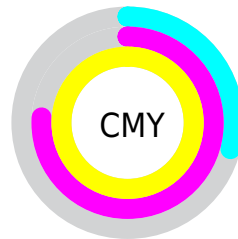


Cyan (0%)

Magenta (66%)

Yellow (100%)

Black (29%)



Cyan (29%)

Magenta (76%)


Yellow (100%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 90.5130, -44.6229, 79.3571 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 90.5130, -44.6229, 79.3571 by changing the saturation by 10% instead.




 90.5130, -44.6229,  
79.3571

 90.5130, -44.6229,  
79.3571


 253.7460, -4.8048,  
1.0998


 64.8080, -31.9503,  
74.7134


 146.8450,  
-44.7866, 85.2049

 35.5810, -17.5414,  
73.1585


 168.8330,  
-43.3017, 75.5685


 26.6110, -13.1192,  
54.7152

 187.5320,  
-40.1953, 59.1694

 18.3530, -8.5550,  
37.4014

 207.0460,  
-36.5047, 42.0557


 9.0840, -3.9854,  
18.3433


 227.0330,  
-33.5403, 24.5271


 0.0000, 0.0000,  
0.0000


 247.2480,


-29.7023, 6.7985

 250.4400,  
-17.4719, 3.9991


 90.5130, -44.6229,  
79.3571

 99.6090, -40.2332,  
71.3799

 108.7050,  
-35.8436, 63.4027

 117.8010,  
-31.4539, 55.4255

 126.8970,  
-27.0642, 47.4483

 136.1070,  
-22.2378, 39.3712

■ 144.6160,  
-17.5587, 31.9088

■ 153.7120,  
-13.1690, 23.9316

■ 162.8080, -8.7793,  
15.9544

■ 171.9040, -4.3897,  
7.9772

# Harmonies

## Analogous

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



77.3140, -5.5778, 109.3496



90.5130, -44.6229, 79.3571



96.1630, -47.4084, 39.3220

# Triad

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



90.5130, -44.6229, 79.3571



82.3810, -1.6668, -72.2481



83.5530, 64.8034, -65.3830

# Complementary

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



90.5130, -44.6229, 79.3571



90.4870, 44.6229, -79.3571

# 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.



92.5850, 62.8156, -81.1970



90.5130, -44.6229, 79.3571



90.5090, 24.3991, -79.3764

# Square

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



90.5130, -44.6229, 79.3571



71.5970, -32.8323, -62.7906



95.2630, 47.6913, -83.5457



102.3510, 38.2810, 41.7882



# Rectangle

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



90.5130, -44.6229, 79.3571



94.2150, -46.4480, 11.2124



95.2630, 47.6913, -83.5457



86.1280, 65.9989, -75.5343

# Sweetspot

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



90.5130, -44.6229, 79.3571



199.3170, -17.4113, 31.2940



67.9130, 26.1719, 99.1773



96.3630, -10.5320, 18.0986



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000



# Same Dimension

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



90.5130, -44.6229, 79.3571



117.2250, -57.7919, 103.2887



142.7560, -70.3787, 33.5400



84.4520, -2.1948, 3.9886



76.2710, -37.6016, 67.2913



13.0570, -6.4371, 11.3510



# Inverse Universe

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



90.4870, 44.6229, -79.3571



117.1880, 58.0813, -102.7739



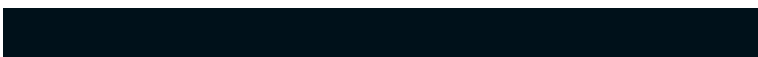
38.2440, 70.3787, -33.5400



84.5480, 2.1948, -3.9886



76.7290, 37.6016, -67.2913



12.9430, 6.4371, -11.3510



# Previews

## White Background



This preview shows how the YUV color 90.5130, -44.6229, 79.3571 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 × Fail



# Black Background



This preview shows how the YUV color 90.5130, -44.6229, 79.3571 looks on a black 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

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

# YUV 90.5130, -44.6229, 79.3571

## Background



This preview shows how black text looks on a background with the YUV color 90.5130, -44.6229, 79.3571.



This preview shows how white text looks on a background with the YUV color 90.5130, -44.6229,



# 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

90.5130, -44.6229, 79.3571

### Protanopia

97.3110, -38.6073, 16.3903

### Tritanopia

95.4180, -16.9681, 75.9324

# Trichromacy



## Original Color

90.5130, -44.6229, 79.3571

## Protanomaly

94.8840, -40.8618, 39.5667

## Tritanomaly

93.4970, -26.8670, 77.6171

# Monochromacy



## Original Color

90.5130, -44.6229, 79.3571

## Achromatopsia

91.0000, 0.0000, 0.0000

## Achromatomaly

90.6480, -16.0955, 29.2497

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 90.5130, -44.6229, 79.3571 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(181, 62, 0)` looks like.

```
.text, #text, p{  
    color:rgb(181, 62, 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(181, 62, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 62, 0) }
```

## Border

The CSS property to change the border of an element to YUV 90.5130, -44.6229, 79.3571 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(181, 62, 0) }
```

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

```
.border{ border-color:rgb(181, 62, 0) }
```

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

Here you see how a box with a 4 pixel rgb(181, 62, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 62, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 62, 0);  
box-shadow:4px 4px 4px 4px rgb(181, 62, 0)  
}
```



# Background

The CSS property to change the background color of an element to YUV 90.5130, -44.6229, 79.3571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 62, 0) }
```

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

```
.background{ background-color: rgb(181, 62,  
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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