

# Converting Colors

YUV(94.5010, -46.5890,  
56.5656)

Have a look what the booklet for  
YUV(94.5010, -46.5890, 56.5656)  
contains.

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# Color

**YUV(94.5010, -46.5890,  
56.5656)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9F5000
RGB	159, 80, 0
RGB Percent	62%, 31%, 0%
CMY	0.3765, 0.6863, 1.0000
CMYK	0.00, 0.50, 1.00, 0.38
HSL	30°, 100%, 31%
HSV	30°, 100%, 62%
XYZ	17.1667, 13.1082, 1.6254
YIQ	94.5010, 72.7640, -8.1320

# Conversions

## Conversions Part 2

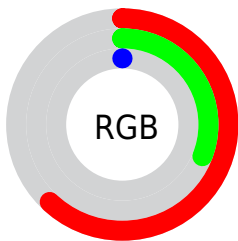
<b>Format</b>	<b>Color</b>
<b>RYB</b>	157, 159, 0
Decimal	10440704
CIELab	42.93, 28.64, 52.35
CIELCh	43, 59.674, 61.318
Yxy	13.1082, 0.5381, 0.4109
Android (android.graphics.Color)	4288630784 (0xFF9F5000)
YUV	94.5010, -46.5890, 56.5656
Hunter-Lab	36.2053, 21.2764, 22.6820

# Details

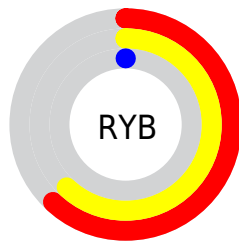
The YUV color **94.5010, -46.5890, 56.5656** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **64.4990, 46.5890, -56.5656**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.5880, -45.1529, 62.6283**, and **49.2710, -24.2906, 44.4893** is the 20% darker color. If you saturate the color by 10%, you get **94.5010, -46.5890, 56.5656**, and if you desaturate by 10%, it is **101.0210, -41.9154, 50.8476**.

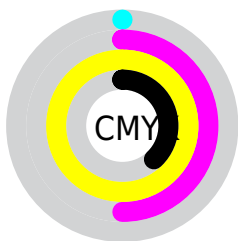
# Distribution



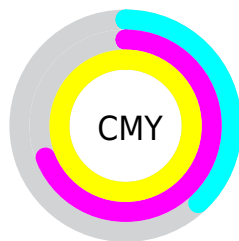
- Red (62%)
- Green (31%)
- Blue (0%)



- Red (62%)
- Yellow (62%)
- Blue (0%)



- Cyan (0%)
- Magenta (50%)
- Yellow (100%)
- Black (38%)



- Cyan (38%)
- Magenta (69%)
- Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 94.5010, -46.5890, 56.5656 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 94.5010, -46.5890, 56.5656 by changing the saturation by 10% instead.



■ 94.5010, -46.5890,  
56.5656

■ 94.5010, -46.5890,  
56.5656

■ 253.9740, -3.9312,  
0.8998

■ 71.7420, -35.3688,  
51.0923

■ 148.5880,  
-45.1529, 62.6283

■ 49.2710, -24.2906,  
44.4893

■ 176.3710,  
-46.0319, 64.5726

■ 26.2240, -12.9284,  
40.1456

■ 196.5650,  
-43.6625, 51.2475

■ 14.0530, -6.9281,  
28.8945


■ 216.0790,  
-39.9719, 34.1337


■ 0.0000, 0.0000,  
0.0000


■ 235.5930,  
-36.2813, 17.0199


■ 247.4760,


-28.8287, 6.5985


 250.7820,  
-16.1615, 3.6992


 94.5010, -46.5890,  
56.5656

 101.0210,  
-41.9154, 50.8476

 107.5410,  
-37.2417, 45.1295

 114.0610,  
-32.5681, 39.4115

 120.5810,  
-27.8944, 33.6935

 126.5140,  
-22.9314, 28.4902

■ 132.9200,  
-18.6946, 22.8722

■ 139.4400,  
-14.0209, 17.1541

■ 145.9600, -9.3473,  
11.4361

■ 152.4800, -4.6736,  
5.7180

# Harmonies

## Analogous

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



93.6310, -20.0311, 78.3766



94.5010, -46.5890, 56.5656



94.8790, -46.7753, 22.9081

# Triad

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



94.5010, -46.5890, 56.5656



83.8290, 8.9583, -73.5180



102.2870, 41.7635, -2.0057

# Complementary

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



94.5010, -46.5890, 56.5656



64.4990, 46.5890, -56.5656

# 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.



85.7230, 56.8316, -75.1791



94.5010, -46.5890, 56.5656



89.5290, 30.7982, -78.5169

# Square

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



94.5010, -46.5890, 56.5656



76.2540, -12.4502, -66.8748



90.6980, 47.9699, -79.5421



101.0460, 24.1343, 52.5797



# Rectangle

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



94.5010, -46.5890, 56.5656



90.5940, -44.6628, -1.3979



90.6980, 47.9699, -79.5421



97.0170, 47.8126, -28.9559

# Sweetspot

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



94.5010, -46.5890, 56.5656



181.7350, -18.1104, 22.1574



56.6610, 11.5061, 89.7513



89.5150, -11.0999, 13.5803



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000



# Same Dimension

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



94.5010, -46.5890, 56.5656



122.9410, -60.6099, 73.7197



140.8740, -69.4509, 15.8965



75.7400, -2.3368, 2.8590



85.0210, -41.9154, 50.8476



9.1810, -4.5262, 5.1033



# Inverse Universe

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



64.4990, 46.5890, -56.5656



84.0590, 60.6099, -73.7197



18.1260, 69.4509, -15.8965



74.2600, 2.3368, -2.8590



57.9790, 41.9154, -50.8476

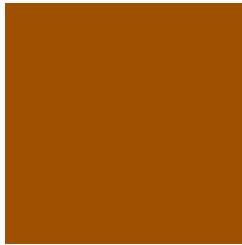


6.4060, 4.2368, -5.6181



# Previews

## White Background



This preview shows how the YUV color 94.5010, -46.5890, 56.5656 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 94.5010, -46.5890, 56.5656 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 94.5010, -46.5890, 56.5656

## Background



This preview shows how black text looks on a background with the YUV color 94.5010, -46.5890, 56.5656.



This preview shows how white text looks on a background with the YUV color 94.5010, -46.5890,



# 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

95.8550, -40.3545, 16.7902

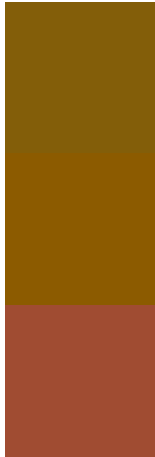
### Deuteranopia

95.5100, -47.0864, 29.3707

### Tritanopia

100.5830, -10.6404, 52.9857

# Trichromacy



## Protanomaly

95.3730, -42.5819, 31.2449

## Deuteranomaly

95.2770, -46.9716, 39.2221

## Tritanomaly

98.1520, -23.7389, 54.2407

# Monochromacy



## Achromatopsia

95.0000, 0.0000, 0.0000

## Achromatomaly

94.9520, -17.2313, 20.2131

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 94.5010, -46.5890, 56.5656 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(159, 80, 0)` looks like.

```
.text, #text, p{  
    color:rgb(159, 80, 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(159, 80, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 80, 0) }
```

## Border

The CSS property to change the border of an element to YUV 94.5010, -46.5890, 56.5656 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(159, 80, 0) }
```

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

```
.border{ border-color:rgb(159, 80, 0) }
```

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

Here you see how a box with a 4 pixel rgb(159, 80, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 80, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 80, 0);  
box-shadow:4px 4px 4px 4px rgb(159, 80, 0)  
}
```



# Background

The CSS property to change the background color of an element to YUV 94.5010, -46.5890, 56.5656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 80, 0) }
```

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

```
.background{ background-color: rgb(159, 80,  
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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