

# Converting Colors

YUV(94.6370, -46.1630,  
59.9544)

Have a look what the booklet for  
YUV(94.6370, -46.1630, 59.9544)  
contains.

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# Color

**YUV(94.6370, -46.1630,  
59.9544)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A34E01
RGB	163, 78, 1
RGB Percent	64%, 31%, 0%
CMY	0.3608, 0.6941, 0.9961
CMYK	0.00, 0.52, 0.99, 0.36
HSL	29°, 99%, 32%
HSV	29°, 99%, 64%
XYZ	17.8341, 13.2375, 1.6438
YIQ	94.6370, 75.3770, -5.9270

# Conversions

## Conversions Part 2

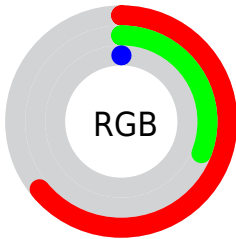
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	163, 148, 1
Decimal	10702337
CIE <sub>Lab</sub>	43.12, 31.42, 52.50
CIE <sub>LCh</sub>	43, 61.185, 59.096
Yxy	13.2375, 0.5451, 0.4046
Android (android.graphics.Color)	4288892417 (0xFFA34E01)
YUV	94.6370, -46.1630, 59.9544
Hunter-Lab	36.3834, 23.8249, 22.7896

# Details

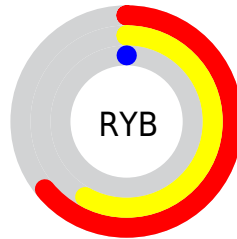
The YUV color **94.6370, -46.1630, 59.9544** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **69.3630, 46.1630, -59.9544**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.3110, -45.0163, 65.5023**, and **48.7060, -24.0121, 48.4928** is the 20% darker color. If you saturate the color by 10%, you get **93.9360, -46.3104, 60.5691**, and if you desaturate by 10%, it is **101.7440, -41.7788, 53.7215**.

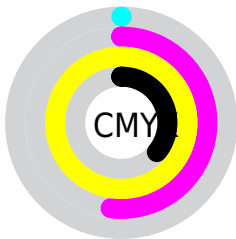
# Distribution



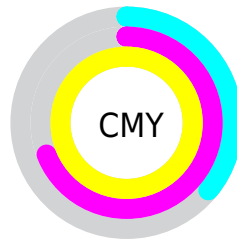
- Red (64%)
- Green (31%)
- Blue (0%)



- Red (64%)
- Yellow (58%)
- Blue (0%)



- Cyan (0%)
- Magenta (52%)
- Yellow (99%)
- Black (36%)



- Cyan (36%)
- Magenta (69%)
- Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 94.6370, -46.1630, 59.9544 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 94.6370, -46.1630, 59.9544 by changing the saturation by 10% instead.



■ 94.6370, -46.1630,  
59.9544

■ 94.6370, -46.1630,  
59.9544

■ 254.0880, -3.4944,  
0.7998

■ 71.4650, -35.2322,  
53.9662

■ 149.3110,  
-45.0163, 65.5023

■ 48.7060, -24.0121,  
48.4928

■ 176.6920,  
-46.1902, 68.6761

■ 24.7730, -12.2131,  
44.0491

■ 195.5050,  
-42.6470, 52.1771

■ 14.6510, -7.2229,  
30.1241

■ 214.9050,  
-39.3932, 35.1633


■ 1.4950, -0.7370,  
3.0739


■ 235.0060,  
-35.9920, 17.5347


■ 0.0000, 0.0000,  
0.0000


■ 247.5900,


-28.3919, 6.4986

 250.7820,  
-16.1615, 3.6992


 94.6370, -46.1630,  
59.9544


 94.6370, -46.1630,  
59.9544


 93.9360, -46.3104,  
60.5691

 101.7440,  
-41.7788, 53.7215

 108.3780,  
-36.6684, 47.9035

 115.4850,  
-32.2841, 41.6707

 122.0050,  
-27.6105, 35.9526

 129.1120,  
-23.2262, 29.7198

■ 135.7460,  
-18.1158, 23.9018

■ 142.8530,  
-13.7315, 17.6689

■ 149.3730, -9.0579,  
11.9509

■ 156.5940, -4.2368,  
5.6181

# Harmonies

## Analogous

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



92.5220, -18.0053, 81.9802



94.6370, -46.1630, 59.9544



95.4880, -47.0756, 25.8820

# Triad

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



94.6370, -46.1630, 59.9544



84.0740, 7.3585, -73.7329



101.8240, 43.9638, -7.7386

# Complementary

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



94.6370, -46.1630, 59.9544



69.3630, 46.1630, -59.9544

# 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.



87.2390, 57.5632, -76.5086



94.6370, -46.1630, 59.9544



89.8880, 29.6352, -78.8318

# Square

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



94.6370, -46.1630, 59.9544



75.6840, -14.6342, -66.3749



91.9860, 47.8279, -80.6717



101.9040, 26.1763, 50.9502



# Rectangle

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



94.6370, -46.1630, 59.9544



91.7900, -45.2525, 1.0612



91.9860, 47.8279, -80.6717



94.5750, 51.4815, -39.0923

# Sweetspot

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



94.6370, -46.1630, 59.9544



184.7460, -18.1158, 23.9018



59.2420, 13.6847, 90.9958



90.9280, -10.8105, 14.0951



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000



# Same Dimension

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



94.6370, -46.1630, 59.9544



122.6750, -60.4788, 78.3380



141.5970, -69.3143, 18.7704



78.0390, -2.4842, 3.4738



83.8580, -41.3420, 53.6215



10.0780, -4.9685, 6.9476



# Inverse Universe

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



69.3630, 46.1630, -59.9544



89.3250, 60.4788, -78.3380



22.4030, 69.3143, -18.7704



76.9610, 2.4842, -3.4738



61.1420, 41.3420, -53.6215

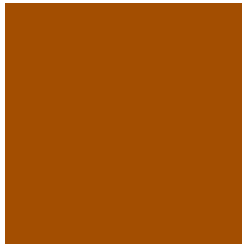


7.3350, 5.2578, -6.4328



# Previews

## White Background



This preview shows how the YUV color 94.6370, -46.1630, 59.9544 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 94.6370, -46.1630, 59.9544 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 94.6370, -46.1630, 59.9544 Background



This preview shows how black text looks on a background with the YUV color 94.6370, -46.1630, 59.9544.



This preview shows how white text looks on a background with the YUV color 94.6370, -46.1630,



# 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

94.6370, -46.1630, 59.9544

### Protanopia

96.8550, -40.3545, 16.7902

### Deuteranopia

95.8090, -47.2338, 29.9855



## Tritanopia

100.9640, -11.8143, 56.1596

# Trichromacy



## Original Color

94.6370, -46.1630, 59.9544

## Protanomaly

96.0850, -42.4399, 32.3745

## Deuteranomaly

95.2880, -46.9770, 40.9664

## Tritanomaly

98.6470, -24.4760, 57.3146

# Monochromacy



## Original Color

94.6370, -46.1630, 59.9544

## Achromatopsia

95.0000, 0.0000, 0.0000

## Achromatomaly

95.0770, -16.8000, 21.8575

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 94.6370, -46.1630, 59.9544 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(163, 78, 1)` looks like.

```
.text, #text, p{  
    color:rgb(163, 78, 1)  
}
```

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(163, 78, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 78, 1) }
```

## Border

The CSS property to change the border of an element to YUV 94.6370, -46.1630, 59.9544 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(163, 78, 1) }
```



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

```
.border{ border-color:rgb(163, 78, 1) }
```

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

Here you see how a box with a 4 pixel rgb(163, 78, 1) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 78, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 78, 1);  
box-shadow:4px 4px 4px 4px rgb(163, 78, 1)  
}
```

# Background

The CSS property to change the background color of an element to YUV 94.6370, -46.1630, 59.9544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 78, 1) }
```

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

```
.background{ background-color: rgb(163, 78,  
1) }
```

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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