

# Converting Colors

YUV(94.2880, -36.6240,  
80.4314)

Have a look what the booklet for  
YUV(94.2880, -36.6240, 80.4314)  
contains.

<b>YUV(94.2880, -36.6240, 80.4314)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(94.2880, -36.6240,  
80.4314)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BA3E14
RGB	186, 62, 20
RGB Percent	73%, 24%, 8%
CMY	0.2706, 0.7569, 0.9216
CMYK	0.00, 0.67, 0.89, 0.27
HSL	15°, 81%, 40%
HSV	15°, 89%, 73%
XYZ	22.0986, 13.9349, 2.1868
YIQ	94.2880, 87.3860, 13.2260

# Conversions

## Conversions Part 2

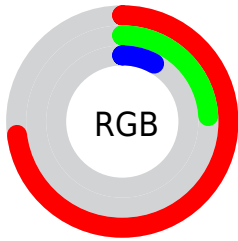
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">186, 76, 20</a>
Decimal	<a href="#">12205588</a>
CIELab	<a href="#">44.14, 48.23, 49.32</a>
CIELCh	<a href="#">44, 68.987, 45.642</a>
Yxy	<a href="#">13.9349, 0.5782, 0.3646</a>
Android (android.graphics.Color)	<a href="#">4290395668 (0xFFBA3E14)</a>
YUV	<a href="#">94.2880, -36.6240, 80.4314</a>
Hunter-Lab	<a href="#">37.3294, 40.3435, 22.6573</a>

# Details

The YUV color **94.2880, -36.6240, 80.4314** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **111.7120, 36.6240, -80.4314**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.8220, -39.8452, 86.9791**, and **37.0760, -18.2785, 76.2323** is the 20% darker color. If you saturate the color by 10%, you get **83.9040, -40.8717, 89.5382**, and if you desaturate by 10%, it is **104.6720, -32.3763, 71.3247**.

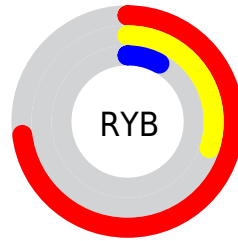
# Distribution



Red (73%)

Green (24%)

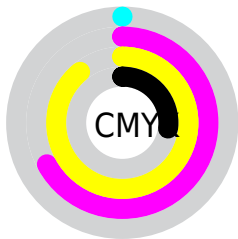
Blue (8%)



Red (73%)

Yellow (30%)

Blue (8%)

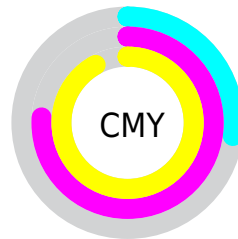


Cyan (0%)

Magenta (67%)

Yellow (89%)

Black (27%)



Cyan (27%)

Magenta (76%)


Yellow (92%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 94.2880, -36.6240, 80.4314 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 94.2880, -36.6240, 80.4314 by changing the saturation by 10% instead.




 94.2880, -36.6240,  
80.4314


 94.2880, -36.6240,  
80.4314


255.0000, 0.0000,  
0.0000


 66.3030, -32.6874,  
77.7873


 149.8220,  
-39.8452, 86.9791


 37.0760, -18.2785,  
76.2323


 170.9020,  
-37.9127, 73.7539


 28.1060, -13.8563,  
57.7890

 189.6010,  
-34.8063, 57.3549

 19.4350, -9.5815,  
39.9605

 209.1150,  
-31.1157, 40.2411


 11.1770, -5.0173,  
22.6468


 229.2160,  
-27.7145, 22.6126


 0.0000, 0.0000,  
0.0000


 248.7300,


-24.0239, 5.4988


 252.0360,  
-11.3567, 2.5994

 94.2880, -36.6240,  
80.4314


 94.2880, -36.6240,  
80.4314

 83.9040, -40.8717,  
89.5382


 104.6720,  
-32.3763, 71.3247

 83.2030, -41.0191,  
90.1530

 114.9420,  
-28.5654, 62.3179

 125.3260,  
-24.3177, 53.2111

 135.5960,  
-20.5068, 44.2043

 145.3930,  
-15.9697, 35.6123

■ 155.7770,  
-11.7221, 26.5056

■ 166.0470, -7.9112,  
17.4988

■ 176.4310, -3.6635,  
8.3920

■ 186.7010, 0.1474,  
-0.6148

# Harmonies

## Analogous

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



84.7370, -3.8143, 103.7167



94.2880, -36.6240, 80.4314



98.5550, -48.5876, 44.2403

# Triad

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



94.2880, -36.6240, 80.4314



82.9850, -4.4296, -72.7778



83.9110, 65.1199, -73.5899

# Complementary

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



94.2880, -36.6240, 80.4314



111.7120, 36.6240, -80.4314

# 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.



94.5910, 60.3476, -82.9563



94.2880, -36.6240, 80.4314



90.9990, 21.1995, -79.8061

# Square

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



94.2880, -36.6240, 80.4314



73.7070, -36.3376, -58.5020



95.7530, 44.4918, -83.9754



105.9260, 39.4765, 31.6369



# Rectangle

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



94.2880, -36.6240, 80.4314



97.5040, -48.0695, 17.9750



95.7530, 44.4918, -83.9754



89.0630, 64.5519, -78.1083

# Sweetspot

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



94.2880, -36.6240, 80.4314



205.8270, -14.2117, 31.7237



83.8840, 30.1302, 89.5557



100.5310, -8.6428, 18.8283



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000



# Same Dimension

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



94.2880, -36.6240, 80.4314



108.1650, -53.3253, 117.3733



143.0090, -60.6434, 37.7031



86.8650, -1.9054, 4.5034



69.5370, -34.2817, 75.8281



12.4810, -6.1531, 13.6102



# Inverse Universe

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



111.7120, 36.6240, -80.4314



133.8350, 53.3253, -117.3733



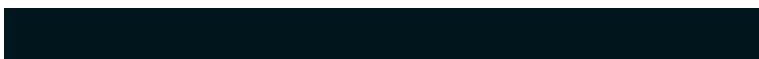
63.5780, 60.3540, -38.2179



87.5480, 2.1948, -3.9886



85.8760, 34.5711, -75.3133



15.5190, 6.1531, -13.6102



# Previews

## White Background



This preview shows how the YUV color 94.2880, -36.6240, 80.4314 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 94.2880, -36.6240, 80.4314 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

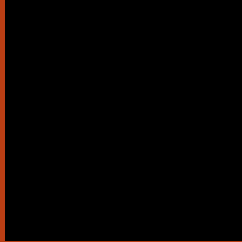
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 94.2880, -36.6240, 80.4314

## Background



This preview shows how black text looks on a background with the YUV color 94.2880, -36.6240, 80.4314.



This preview shows how white text looks on a background with the YUV color 94.2880, -36.6240,



# 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

94.2880, -36.6240, 80.4314

### Protanopia

100.4510, -34.2393, 15.3905

### Deuteranopia

98.4670, -48.5442, 30.2854



## Tritanopia

96.9130, -17.7051, 79.0063

# Trichromacy



## Original Color

94.2880, -36.6240, 80.4314

## Protanomaly

98.0780, -35.0415, 39.3966

## Deuteranomaly

96.7280, -44.2359, 48.4735

## Tritanomaly

95.7900, -24.5465, 79.9912

# Monochromacy



## Original Color

94.2880, -36.6240, 80.4314

## Achromatopsia

94.0000, 0.0000, 0.0000

## Achromatomaly

93.7450, -13.1853, 29.1646

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 94.2880, -36.6240, 80.4314 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(186, 62, 20)` looks like.

```
.text, #text, p{  
  color:rgb(186, 62, 20)  
}
```

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(186, 62, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 62, 20) }
```

## Border

The CSS property to change the border of an element to YUV 94.2880, -36.6240, 80.4314 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(186, 62, 20) }
```



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

```
.border{ border-color:rgb(186, 62, 20) }
```

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

Here you see how a box with a 4 pixel rgb(186, 62, 20) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 62, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 62, 20);  
box-shadow:4px 4px 4px 4px rgb(186, 62,  
20) }
```

# Background

The CSS property to change the background color of an element to YUV 94.2880, -36.6240, 80.4314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 62, 20) }
```

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

```
.background{ background-color: rgb(186, 62,  
20) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor