

Converting Colors

YUV(95.9500, -37.4433,
63.1879)

Have a look what the booklet for
YUV(95.9500, -37.4433, 63.1879)
contains.

YUV(95.9500, -37.4433, 63.1879)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(95.9500, -37.4433,
63.1879)**

Conversions

Conversions Part 1

Format	Color
Hex	A84A14
RGB	168, 74, 20
RGB Percent	66%, 29%, 8%
CMY	0.3412, 0.7098, 0.9216
CMYK	0.00, 0.56, 0.88, 0.34
HSL	22°, 79%, 37%
HSV	22°, 88%, 66%
XYZ	18.7235, 13.2729, 2.2369
YIQ	95.9500, 73.3580, 3.1340

Conversions

Conversions Part 2

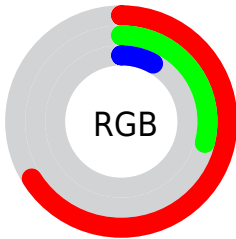
Format	Color
R _Y B	168, 105, 20
Decimal	11029012
CIE Lab	43.17, 35.88, 47.24
CIE LCh	43, 59.323, 52.786
Yxy	13.2729, 0.5469, 0.3877
Android (android.graphics.Color)	4289219092 (0xFFA84A14)
YUV	95.9500, -37.4433, 63.1879
Hunter-Lab	36.4320, 27.9806, 21.8620

Details

The YUV color **95.9500, -37.4433, 63.1879** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **92.0500, 37.4434, -63.1878**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.7120, -39.7910, 69.5356**, and **46.6790, -23.0127, 54.6555** is the 20% darker color. If you saturate the color by 10%, you get **87.5550, -41.6856, 70.5503**, and if you desaturate by 10%, it is **104.3450, -33.2011, 55.8254**.

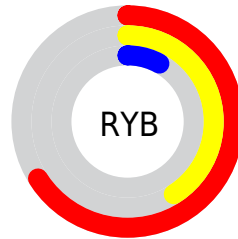
Distribution



Red (66%)

Green (29%)

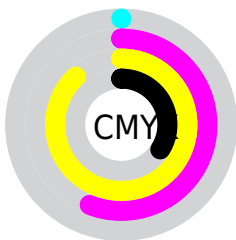
Blue (8%)



Red (66%)

Yellow (41%)

Blue (8%)

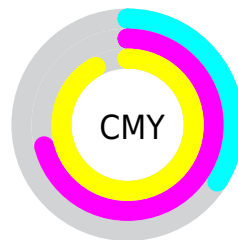


Cyan (0%)

Magenta (56%)

Yellow (88%)

Black (34%)



Cyan (34%)

Magenta (71%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.9500, -37.4433, 63.1879 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 95.9500, -37.4433, 63.1879 by changing the saturation by 10% instead.

■ 95.9500, -37.4433,
63.1879

■ 95.9500, -37.4433,
63.1879

255.0000, 0.0000,
0.0000

■ 70.0250, -34.5223,
59.6141

■ 149.7120,
-39.7910, 69.5356

■ 46.6790, -23.0127,
54.6555

■ 176.1850,
-40.5172, 69.1208

■ 23.9200, -11.7926,
49.1822

■ 194.9980,
-36.9740, 52.6218

■ 15.8470, -7.8126,
32.5832

■ 214.3980,
-33.7202, 35.6080

■ 4.7840, -2.3585,
9.8364

■ 233.9120,
-30.0296, 18.4942

■ 0.0000, 0.0000,
0.0000

■ 248.8440,

-23.5871, 5.3988

■ 252.0360,
-11.3567, 2.5994

■ 95.9500, -37.4433,
63.1879

■ 95.9500, -37.4433,
63.1879

■ 87.5550, -41.6856,
70.5503

■ 104.3450,
-33.2011, 55.8254

■ 86.0390, -42.4172,
71.8798

■ 112.1530,
-28.6694, 48.9778

■ 120.4340,
-24.8640, 41.7154

■ 128.8290,
-20.6217, 34.3530

■ 136.6370,
-16.0900, 27.5054

■ 145.0320,
-11.8478, 20.1429

■ 153.4270, -7.6055,
12.7805

■ 161.1210, -3.5107,
6.0329

■ 169.5160, 0.7316,
-1.3295

Harmonies

Analogous

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



93.4880, -13.0586, 82.0100



95.9500, -37.4433, 63.1879



96.1190, -47.3867, 32.3446

Triad

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



95.9500, -37.4433, 63.1879



82.2330, 2.8431, -72.1183



98.7080, 46.4860, -23.4229

Complementary

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



95.9500, -37.4433, 63.1879



92.0500, 37.4434, -63.1878

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.



88.5440, 54.9478, -77.6531



95.9500, -37.4433, 63.1879



88.6340, 24.8304, -77.7320

Square

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



95.9500, -37.4433, 63.1879



74.0710, -18.2760, -64.9603



91.5470, 43.6073, -80.2867



103.5220, 28.8297, 39.8842

Rectangle

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



95.9500, -37.4433, 63.1879



93.3180, -46.0058, 9.3681



91.5470, 43.6073, -80.2867



81.9730, 57.6943, -71.8903

Sweetspot

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



95.9500, -37.4433, 63.1879



191.3700, -14.4794, 24.2315



75.1960, 20.1164, 81.3891



93.2100, -8.4845, 14.7248



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



95.9500, -37.4433, 63.1879



112.4410, -55.4334, 93.4522



138.2140, -58.2795, 26.1223



80.1530, -2.0474, 3.3738



75.9500, -37.4433, 63.1879



10.0890, -4.9739, 8.6919

Inverse Universe

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



92.0500, 37.4434, -63.1878



106.5590, 55.4334, -93.4522



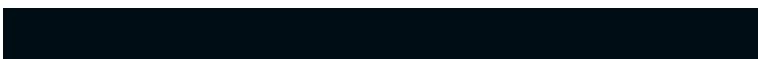
49.7860, 58.2795, -26.1223



79.8470, 2.0474, -3.3738



72.0500, 37.4434, -63.1878



9.9110, 4.9739, -8.6919

Previews

White Background



This preview shows how the YUV color 95.9500, -37.4433, 63.1879 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 95.9500, -37.4433, 63.1879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

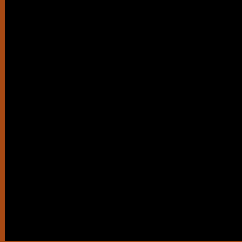
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 95.9500, -37.4433, 63.1879

Background



This preview shows how black text looks on a background with the YUV color 95.9500, -37.4433, 63.1879.



This preview shows how white text looks on a background with the YUV color 95.9500, -37.4433,

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

95.9500, -37.4433, 63.1879

Protanopia

97.9240, -34.9655, 14.9757

Deuteranopia

95.8090, -47.2338, 29.9855



Tritanopia

99.7690, -12.7041, 61.5926

Trichromacy



Original Color

95.9500, -37.4433, 63.1879

Protanomaly

96.8060, -35.8934, 32.6191

Deuteranomaly

96.0970, -43.9248, 42.0109

Tritanomaly

98.3640, -21.8715, 61.9478

Monochromacy



Original Color

95.9500, -37.4433, 63.1879

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

95.8860, -13.7478, 22.9020

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.9500, -37.4433, 63.1879 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(168, 74, 20)` looks like.

```
.text, #text, p{  
    color:rgb(168, 74, 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(168, 74, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 74, 20) }
```

Border

The CSS property to change the border of an element to YUV 95.9500, -37.4433, 63.1879 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(168, 74, 20) }
```


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

```
.border{ border-color:rgb(168, 74, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 74, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 74, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 74, 20);  
box-shadow:4px 4px 4px 4px rgb(168, 74,  
20) }
```

Background

The CSS property to change the background color of an element to YUV 95.9500, -37.4433, 63.1879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 74, 20) }
```

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

```
.background{ background-color: rgb(168, 74,  
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