

Converting Colors

YUV(94.8330, -46.7527,
62.4135)

Have a look what the booklet for
YUV(94.8330, -46.7527, 62.4135)
contains.

YUV(94.8330, -46.7527, 62.4135)	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>	30

Color

**YUV(94.8330, -46.7527,
62.4135)**

Conversions

Conversions Part 1

Format	Color
Hex	A64D00
RGB	166, 77, 0
RGB Percent	65%, 30%, 0%
CMY	0.3490, 0.6980, 1.0000
CMYK	0.00, 0.54, 1.00, 0.35
HSL	28°, 100%, 33%
HSV	28°, 100%, 65%
XYZ	18.3798, 13.4147, 1.6206
YIQ	94.8330, 77.7610, -5.0790

Conversions

Conversions Part 2

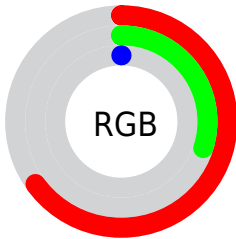
Format	Color
RYB	166, 144, 0
Decimal	10898688
CIELab	43.38, 33.18, 53.19
CIELCh	43, 62.688, 58.041
Yxy	13.4147, 0.5500, 0.4015
Android (android.graphics.Color)	4289088768 (0xFFA64D00)
YUV	94.8330, -46.7527, 62.4135
Hunter-Lab	36.6261, 25.4793, 23.0149

Details

The YUV color **94.8330, -46.7527, 62.4135** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **71.1670, 46.7527, -62.4135**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.5070, -45.6060, 67.9614**, and **48.4290, -23.8755, 51.3668** is the 20% darker color. If you saturate the color by 10%, you get **94.8330, -46.7527, 62.4135**, and if you desaturate by 10%, it is **102.0540, -41.9316, 56.0806**.

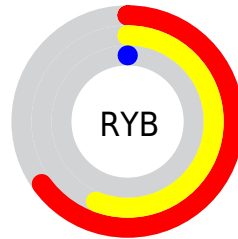
Distribution



Red (65%)

Green (30%)

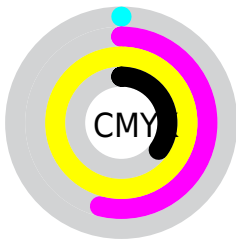
Blue (0%)



Red (65%)

Yellow (56%)

Blue (0%)

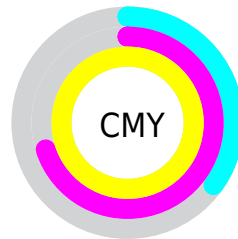


Cyan (0%)

Magenta (54%)

Yellow (100%)

Black (35%)



Cyan (35%)

Magenta (70%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.8330, -46.7527, 62.4135 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 94.8330, -46.7527, 62.4135 by changing the saturation by 10% instead.

94.8330, -46.7527,
62.4135

94.8330, -46.7527,
62.4135

253.9740, -3.9312,
0.8998

71.7750, -35.3851,
56.3253

149.5070,
-45.6060, 67.9614

48.4290, -23.8755,
51.3668

176.1050,
-45.9008, 69.1909

23.9090, -11.7871,
47.4378

194.8040,
-42.7944, 52.7919

15.2490, -7.5178,
31.3536

214.3180,
-39.1038, 35.6781


3.5880, -1.7689,
7.3773


234.4190,
-35.7026, 18.0495


0.0000, 0.0000,
0.0000


247.4760,


-28.8287, 6.5985


 250.6680,
-16.5983, 3.7992


 94.8330, -46.7527,
62.4135

 102.0540,
-41.9316, 56.0806

 109.1610,
-37.5474, 49.8478

 116.3820,
-32.7263, 43.5150

 123.4890,
-28.3421, 37.2821

 130.1230,
-23.2316, 31.4641

■ 137.3440,
-18.4106, 25.1313

■ 144.4510,
-14.0263, 18.8985

■ 151.6720, -9.2053,
12.5657

■ 158.7790, -4.8210,
6.3328

Harmonies

Analogous

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



92.3590, -17.4320, 84.7542



94.8330, -46.7527, 62.4135



96.0860, -47.3704, 27.1116

Triad

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



94.8330, -46.7527, 62.4135



84.4330, 6.1955, -74.0477



101.6710, 46.0112, -11.1125

Complementary

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



94.8330, -46.7527, 62.4135



71.1670, 46.7527, -62.4135

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.



88.1680, 58.5842, -77.3233



94.8330, -46.7527, 62.4135



90.4750, 29.3458, -79.3466

Square

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



94.8330, -46.7527, 62.4135



75.9290, -16.2340, -66.5897



92.8010, 48.4121, -81.3865



102.2460, 27.4867, 50.6503

Rectangle

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



94.8330, -46.7527, 62.4135



92.9750, -45.8367, 1.7759



92.8010, 48.4121, -81.3865



92.2150, 54.1240, -46.6696

Sweetspot

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



94.8330, -46.7527, 62.4135



189.0450, -18.2632, 24.5165



60.0080, 15.2791, 92.9550



92.5260, -11.1053, 15.3247



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.



94.8330, -46.7527, 62.4135



124.1700, -61.2158, 81.4119



142.3800, -70.1933, 20.7147



80.7400, -2.3368, 2.8590



84.7550, -41.7842, 55.4659



11.2630, -5.5527, 7.6623

Inverse Universe

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



71.1670, 46.7527, -62.4135



92.8300, 61.2158, -81.4119



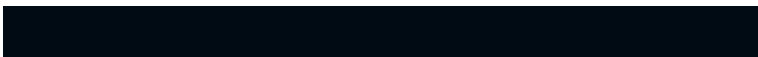
23.6200, 70.1933, -20.7147



79.2600, 2.3368, -2.8590



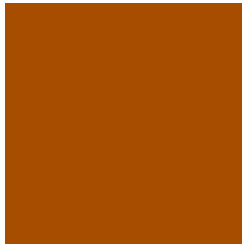
63.2450, 41.7842, -55.4659



8.7370, 5.5527, -7.6623

Previews

White Background



This preview shows how the YUV color 94.8330, -46.7527, 62.4135 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 94.8330, -46.7527, 62.4135 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 94.8330, -46.7527, 62.4135

Background



This preview shows how black text looks on a background with the YUV color 94.8330, -46.7527, 62.4135.



This preview shows how white text looks on a background with the YUV color 94.8330, -46.7527,

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

97.4420, -40.6439, 16.2754

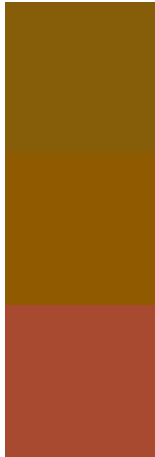
Deuteranopia

96.3960, -47.5232, 29.4707

Tritanopia

101.1600, -12.4039, 58.6187

Trichromacy



Protanomaly

96.3840, -42.5873, 32.9892

Deuteranomaly

95.5870, -47.1244, 41.5812

Tritanomaly

98.8430, -25.0656, 59.7737

Monochromacy



Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

94.6750, -17.0948, 23.0870

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.8330, -46.7527, 62.4135 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(166, 77, 0)` looks like.

```
.text, #text, p{  
    color:rgb(166, 77, 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(166, 77, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 77, 0) }
```

Border

The CSS property to change the border of an element to YUV 94.8330, -46.7527, 62.4135 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(166, 77, 0) }
```

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

```
.border{ border-color:rgb(166, 77, 0) }
```

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

Here you see how a box with a 4 pixel rgb(166, 77, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 77, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 77, 0);  
box-shadow:4px 4px 4px 4px rgb(166, 77, 0)  
}
```


Background

The CSS property to change the background color of an element to YUV 94.8330, -46.7527, 62.4135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 77, 0) }
```

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

```
.background{ background-color: rgb(166, 77,  
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](#).

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