

Converting Colors

YUV(97.1920, -47.9157,
62.0986)

Have a look what the booklet for
YUV(97.1920, -47.9157, 62.0986)
contains.

YUV(97.1920, -47.9157, 62.0986)	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(97.1920, -47.9157,
62.0986)**

Conversions

Conversions Part 1

Format	Color
Hex	A85000
RGB	168, 80, 0
RGB Percent	66%, 31%, 0%
CMY	0.3412, 0.6863, 1.0000
CMYK	0.00, 0.52, 1.00, 0.34
HSL	29°, 100%, 33%
HSV	29°, 100%, 66%
XYZ	19.0171, 14.0622, 1.7120
YIQ	97.1920, 78.1280, -6.2240

Conversions

Conversions Part 2

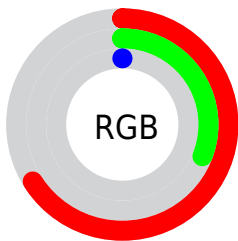
Format	Color
R_{YB}	168, 153, 0
Decimal	11030528
CIE _{Lab}	44.32, 32.43, 53.90
CIE _{LCh}	44, 62.905, 58.963
Yxy	14.0622, 0.5466, 0.4042
Android (android.graphics.Color)	4289220608 (0xFFA85000)
YUV	97.1920, -47.9157, 62.0986
Hunter-Lab	37.4995, 24.8984, 23.5429

Details

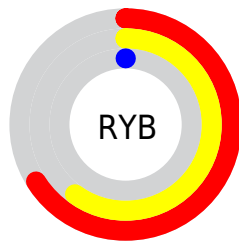
The YUV color **97.1920, -47.9157, 62.0986** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **70.8080, 47.9157, -62.0986**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.9800, -46.3321, 67.5465**, and **51.3750, -25.3279, 50.5371** is the 20% darker color. If you saturate the color by 10%, you get **97.1920, -47.9157, 62.0986**, and if you desaturate by 10%, it is **104.4130, -43.0946, 55.7658**.

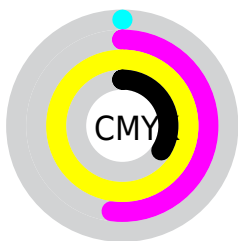
Distribution



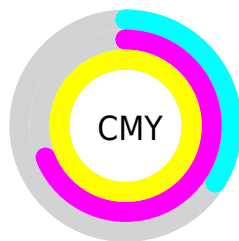
- Red (66%)
- Green (31%)
- Blue (0%)



- Red (66%)
- Yellow (60%)
- Blue (0%)



- Cyan (0%)
- Magenta (52%)
- Yellow (100%)
- Black (34%)



- Cyan (34%)
- Magenta (69%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.1920, -47.9157, 62.0986 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 97.1920, -47.9157, 62.0986 by changing the saturation by 10% instead.

97.1920, -47.9157,
62.0986

97.1920, -47.9157,
62.0986

254.0880, -3.4944,
0.7998

74.1340, -36.5481,
56.0105

151.9800,
-46.3321, 67.5465

51.3750, -25.3279,
50.5371

177.8660,
-46.7689, 67.6465

26.8550, -13.2395,
46.6082

197.2660,
-43.5151, 50.6327

15.8470, -7.8126,
32.5832

216.7800,
-39.8245, 33.5189

5.6810, -2.8007,
11.6808


236.2940,
-36.1339, 16.4052


0.0000, 0.0000,
0.0000


247.5900,


-28.3919, 6.4986


 250.8960,
-15.7247, 3.5992


 97.1920, -47.9157,
62.0986

 104.4130,
-43.0946, 55.7658

 111.6340,
-38.2736, 49.4330

 118.1540,
-33.5999, 43.7149

 125.3750,
-28.7789, 37.3821

 132.5960,
-23.9578, 31.0493

■ 139.8170,
-19.1368, 24.7165

■ 147.0380,
-14.3157, 18.3837

■ 153.5580, -9.6421,
12.6656

■ 160.7790, -4.8210,
6.3328

Harmonies

Analogous

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



95.1310, -18.3056, 84.9541



97.1920, -47.9157, 62.0986



98.4450, -48.5334, 26.7967

Triad

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



97.1920, -47.9157, 62.0986



86.0630, 7.3639, -75.4773



104.8670, 45.4216, -8.6534

Complementary

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



97.1920, -47.9157, 62.0986



70.8080, 47.9157, -62.0986

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.



89.6840, 59.3158, -78.6529



97.1920, -47.9157, 62.0986



92.6920, 30.2248, -81.2909

Square

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



97.1920, -47.9157, 62.0986



78.0320, -15.7918, -68.4341



94.4310, 49.5805, -82.8160



104.2570, 27.4813, 52.3946

Rectangle

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



97.1920, -47.9157, 62.0986



94.4480, -46.5629, 1.3611



94.4310, 49.5805, -82.8160



96.1340, 53.6709, -41.3365

Sweetspot

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



97.1920, -47.9157, 62.0986



191.6320, -18.5526, 24.0017



60.4920, 14.5474, 94.2845



93.1130, -11.3947, 14.8099



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.



97.1920, -47.9157, 62.0986



126.5290, -62.3788, 81.0971



145.3260, -71.6457, 19.8851



80.7400, -2.3368, 2.8590



85.3420, -42.0736, 54.9511



11.8500, -5.8420, 7.1476

Inverse Universe

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



70.8080, 47.9157, -62.0986



92.4710, 62.3788, -81.0971



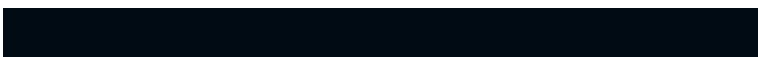
22.6740, 71.6457, -19.8851



79.2600, 2.3368, -2.8590



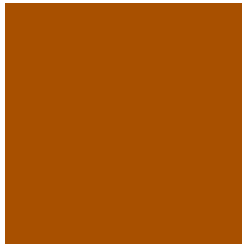
62.0710, 42.3630, -54.4363



8.7370, 5.5527, -7.6623

Previews

White Background



This preview shows how the YUV color 97.1920, -47.9157, 62.0986 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 97.1920, -47.9157, 62.0986 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 97.1920, -47.9157, 62.0986

Background



This preview shows how black text looks on a background with the YUV color 97.1920, -47.9157, 62.0986.



This preview shows how white text looks on a background with the YUV color 97.1920, -47.9157,

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

99.5130, -41.6649, 17.0901

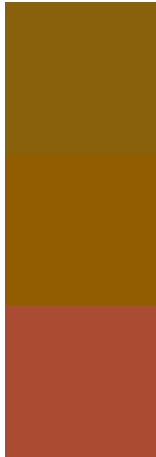
Deuteranopia

98.4670, -48.5442, 30.2854

Tritanopia

103.2740, -11.9671, 58.5187

Trichromacy



Protanomaly

99.0420, -43.8977, 33.2892

Deuteranomaly

98.2450, -48.4348, 41.8811

Tritanomaly

100.8430, -25.0656, 59.7737

Monochromacy



Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

97.2620, -17.3842, 22.5722

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.1920, -47.9157, 62.0986 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, 80, 0)` looks like.

```
.text, #text, p{  
    color:rgb(168, 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(168, 80, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 80, 0) }
```

Border

The CSS property to change the border of an element to YUV 97.1920, -47.9157, 62.0986 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, 80, 0) }
```

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

```
.border{ border-color:rgb(168, 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(168, 80, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 80, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 80, 0);  
box-shadow:4px 4px 4px 4px rgb(168, 80, 0)  
}
```


Background

The CSS property to change the background color of an element to YUV 97.1920, -47.9157, 62.0986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 80, 0) }
```

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

```
.background{ background-color: rgb(168, 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](#).

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