

Converting Colors

YUV(97.5110, -21.4509,
67.0809)

Have a look what the booklet for
YUV(97.5110, -21.4509, 67.0809)
contains.

YUV(97.5110, -21.4509, 67.0809)	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(97.5110, -21.4509,
67.0809)**

Conversions

Conversions Part 1

Format	Color
Hex	AE4336
RGB	174, 67, 54
RGB Percent	68%, 26%, 21%
CMY	0.3176, 0.7373, 0.7882
CMYK	0.00, 0.61, 0.69, 0.32
HSL	7°, 53%, 45%
HSV	7°, 69%, 68%
XYZ	20.1286, 13.2793, 4.9923
YIQ	97.5110, 67.9450, 18.6410

Conversions

Conversions Part 2

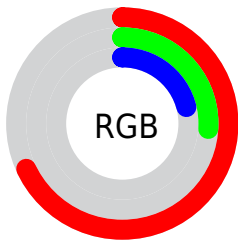
Format	Color
R_{YB}	174, 69, 54
Decimal	11420470
CIE _{Lab}	43.18, 42.94, 30.45
CIE _{LCh}	43, 52.643, 35.345
Yxy	13.2793, 0.5242, 0.3458
Android (android.graphics.Color)	4289610550 (0xFFAE4336)
YUV	97.5110, -21.4509, 67.0809
Hunter-Lab	36.4408, 34.8255, 17.3860

Details

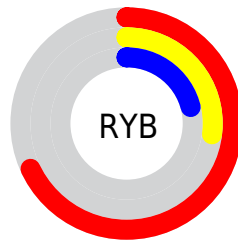
The YUV color **97.5110, -21.4509, 67.0809** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **130.4890, 21.4509, -67.0809**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.6320, -24.9616, 73.1137**, and **40.3350, -14.4622, 65.4812** is the 20% darker color. If you saturate the color by 10%, you get **86.1810, -24.2462, 77.0173**, and if you desaturate by 10%, it is **108.8410, -18.6556, 57.1444**.

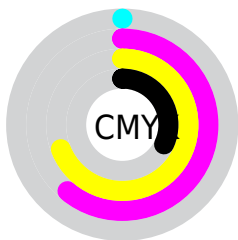
Distribution



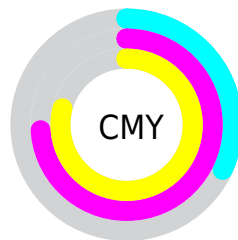
- Red (68%)
- Green (26%)
- Blue (21%)



- Red (68%)
- Yellow (27%)
- Blue (21%)



- Cyan (0%)
- Magenta (61%)
- Yellow (69%)
- Black (32%)





- Cyan (32%)
- Magenta (74%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the YUV color 97.5110, -21.4509, 67.0809 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 97.5110, -21.4509, 67.0809 by changing the saturation by 10% instead.


 97.5110, -21.4509,
67.0809


 97.5110, -21.4509,
67.0809


255.0000, 0.0000,
0.0000


 70.7710, -19.1141,
64.2218


 151.6320,
-24.9616, 73.1137


 40.3350, -14.4622,
65.4812


 176.3110,
-24.8033, 69.0103


 25.7140, -12.6770,
52.8708

 195.7110,
-21.5495, 51.9965

 17.6410, -8.6970,
36.2718

 215.2250,
-17.8589, 34.8827

 8.1870, -3.5432,
16.4990

 234.8530,
-13.7315, 17.6689

 0.0000, 0.0000,
0.0000

 252.7200, -8.7360,

1.9996

■ 97.5110, -21.4509,
67.0809

■ 97.5110, -21.4509,
67.0809

■ 86.1810, -24.2462,
77.0173

■ 108.8410,
-18.6556, 57.1444

■ 75.3240, -27.7677,
86.5389

■ 119.6980,
-15.1341, 47.6229

■ 63.9940, -30.5630,
96.4753

■ 131.0280,
-12.3388, 37.6864

■ 63.1790, -31.1472,
97.1900

■ 141.8850, -8.8173,
28.1649

■ 153.2150, -6.0220,
18.2284

■ 163.9580, -2.9373,
8.8068

■ 175.4020, 0.2948,
-1.2296

■ 186.1450, 3.3795,
-10.6512

■ 197.5890, 6.6116,
-20.6876

Harmonies

Analogous

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



97.3370, -0.6591, 71.6185



97.5110, -21.4509, 67.0809



97.3410, -40.5941, 47.0589

Triad

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



97.5110, -21.4509, 67.0809



77.7360, -6.7718, -68.1745



83.1810, 52.1688, -72.9497

Complementary

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



97.5110, -21.4509, 67.0809



130.4890, 21.4509, -67.0809

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.



88.7260, 45.4911, -77.8127



97.5110, -21.4509, 67.0809



84.0400, 12.3053, -73.7031

Square

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



97.5110, -21.4509, 67.0809



90.2420, -34.1363, -17.7522



88.2410, 30.9402, -77.3874



104.3930, 34.3163, 6.6713

Rectangle

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



97.5110, -21.4509, 67.0809



95.7980, -47.2284, 28.2412



88.2410, 30.9402, -77.3874



85.5290, 51.0112, -75.0089

Sweetspot

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



97.5110, -21.4509, 67.0809



196.2870, -8.5225, 26.9353



102.1920, 29.4853, 62.9756



96.4320, -5.1430, 16.2841



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



97.5110, -21.4509, 67.0809



106.9520, -33.5003, 105.2821



132.1440, -38.5250, 36.7077



81.2780, -1.6161, 5.0182



54.2420, -26.7413, 83.9798



8.0510, -3.9691, 13.1103

Inverse Universe

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



130.4890, 21.4509, -67.0809



159.0480, 33.5003, -105.2821



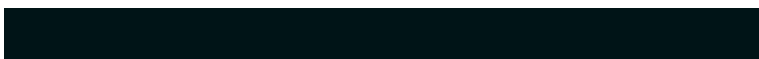
95.8560, 38.5250, -36.7077



83.7220, 1.6161, -5.0182



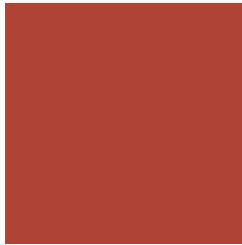
95.7580, 26.7413, -83.9798



14.3620, 4.2585, -12.5955

Previews

White Background



This preview shows how the YUV color 97.5110, -21.4509, 67.0809 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 97.5110, -21.4509, 67.0809 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 97.5110, -21.4509, 67.0809

Background



This preview shows how black text looks on a background with the YUV color 97.5110, -21.4509, 67.0809.



This preview shows how white text looks on a background with the YUV color 97.5110, -21.4509,

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

97.5110, -21.4509, 67.0809

Protanopia

101.5870, -17.0514, 9.1322

Deuteranopia

100.9710, -26.1147, 22.8274



Tritanopia

98.3460, -14.4676, 67.2256

Trichromacy



Original Color

97.5110, -21.4509, 67.0809

Protanomaly

100.2630, -18.8637, 30.4643

Deuteranomaly

99.8250, -24.5637, 38.7415

Tritanomaly

98.3630, -16.9410, 67.2106

Monochromacy



Original Color

97.5110, -21.4509, 67.0809

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

98.0910, -7.9329, 24.4762

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.5110, -21.4509, 67.0809 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(174, 67, 54)` looks like.

```
.text, #text, p{  
    color:rgb(174, 67, 54)  
}
```

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(174, 67, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 67, 54) }
```

Border

The CSS property to change the border of an element to YUV 97.5110, -21.4509, 67.0809 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(174, 67, 54) }
```


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

```
.border{ border-color:rgb(174, 67, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 67, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 67, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 67, 54);  
box-shadow:4px 4px 4px 4px rgb(174, 67,  
54) }
```

Background

The CSS property to change the background color of an element to YUV 97.5110, -21.4509, 67.0809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 67, 54) }
```

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

```
.background{ background-color: rgb(174, 67,  
54) }
```

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