

Converting Colors

YUV(96.9510, -32.5138,
21.9680)

Have a look what the booklet for
YUV(96.9510, -32.5138, 21.9680)
contains.

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Color

**YUV(96.9510, -32.5138,
21.9680)**

Conversions

Conversions Part 1

Format	Color
Hex	7A611F
RGB	122, 97, 31
RGB Percent	48%, 38%, 12%
CMY	0.5216, 0.6196, 0.8784
CMYK	0.00, 0.20, 0.75, 0.52
HSL	44°, 59%, 30%
HSV	44°, 75%, 48%
XYZ	12.5481, 12.7859, 3.1029
YIQ	96.9510, 36.0860, -15.2260

Conversions

Conversions Part 2

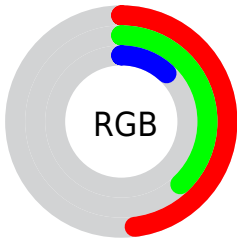
Format	Color
RYB	65, 122, 31
Decimal	8020255
CIELab	42.44, 2.70, 39.67
CIELCh	42, 39.759, 86.102
Yxy	12.7859, 0.4413, 0.4496
Android (android.graphics.Color)	4286210335 (0xFF7A611F)
YUV	96.9510, -32.5138, 21.9680
Hunter-Lab	35.7574, 0.0642, 19.8852

Details

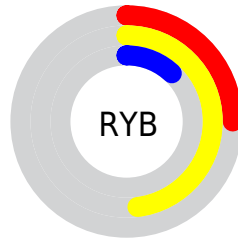
The YUV color **96.9510, -32.5138, 21.9680** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **56.0490, 32.5138, -21.9680**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.3320, -33.6877, 25.1418**, and **50.8670, -25.0774, 16.7796** is the 20% darker color. If you saturate the color by 10%, you get **93.8220, -36.8872, 24.7121**, and if you desaturate by 10%, it is **100.0800, -28.1404, 19.2238**.

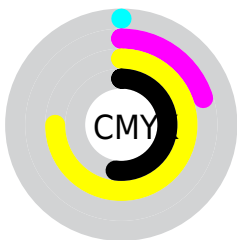
Distribution



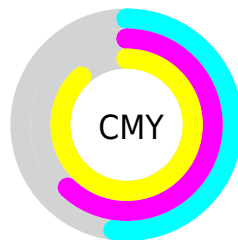
- Red (48%)
- Green (38%)
- Blue (12%)



- Red (25%)
- Yellow (48%)
- Blue (12%)



- Cyan (0%)
- Magenta (20%)
- Yellow (75%)
- Black (52%)



- Cyan (52%)
- Magenta (62%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.9510, -32.5138, 21.9680 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 96.9510, -32.5138, 21.9680 by changing the saturation by 10% instead.

96.9510, -32.5138,
21.9680

96.9510, -32.5138,
21.9680

255.0000, 0.0000,
0.0000

71.7120, -33.3820,
20.4236

148.3320,
-33.6877, 25.1418

50.8670, -25.0774,
16.7796

175.7020,
-34.8561, 26.5713

31.0650, -15.3150,
12.2210

203.0720,
-36.0245, 28.0009

9.2030, -4.5371,
8.5920

228.5660,
-35.2820, 23.1826

0.0000, 0.0000,
0.0000

246.9060,
-31.0127, 7.0984

250.0980,

-18.7823, 4.2991

253.4040, -6.1152,
1.3997

96.9510, -32.5138,
21.9680

96.9510, -32.5138,
21.9680

93.8220, -36.8872,
24.7121

100.0800,
-28.1404, 19.2238

90.1060, -40.9713,
27.9710

103.7960,
-24.0564, 15.9649

88.1340, -43.4501,
29.7005

107.0390,
-19.2462, 13.1208

110.1680,
-14.8728, 10.3767

113.8840,
-10.7888, 7.1177

■ 117.0130, -6.4154,
4.3736

■ 120.1420, -2.0420,
1.6295

■ 123.9720, 2.4788,
-1.7294

■ 127.1010, 6.8522,
-4.4736

Harmonies

Analogous

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



98.7930, -26.0269, 41.4005



96.9510, -32.5138, 21.9680



94.0510, -27.6331, -3.5527

Triad

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



96.9510, -32.5138, 21.9680



82.6840, 22.3408, -72.5139



103.2420, 16.6427, 28.7288

Complementary

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



96.9510, -32.5138, 21.9680



56.0490, 32.5138, -21.9680

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.



100.8230, 28.6813, -5.9838



96.9510, -32.5138, 21.9680



83.8870, 34.5657, -73.5689

Square

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



96.9510, -32.5138, 21.9680



78.9220, 7.9265, -69.2146



80.5590, 42.1224, -70.6502



100.7040, 2.6109, 49.3716

Rectangle

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



96.9510, -32.5138, 21.9680



90.3350, -18.4062, -23.0958



80.5590, 42.1224, -70.6502



103.3270, 21.0378, 19.0072

Sweetspot

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



96.9510, -32.5138, 21.9680



148.7270, -12.6834, 8.1324



61.1730, -2.0573, 53.3453



73.0840, -7.4364, 5.1883



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



96.9510, -32.5138, 21.9680



118.9190, -50.7391, 34.2740



105.6460, -36.8005, -3.1975



59.7290, -2.3314, 1.1147



90.7920, -44.7605, 30.0004



182.7690, -90.1051, 60.7156

Inverse Universe

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



56.0490, 32.5138, -21.9680



55.0810, 50.7391, -34.2740



47.3540, 36.8005, 3.1975



56.8580, 2.0420, -1.6295



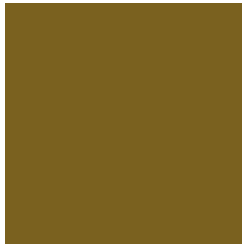
34.2080, 44.7605, -30.0004



69.2310, 90.1051, -60.7156

Previews

White Background



This preview shows how the YUV color 96.9510, -32.5138, 21.9680 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 96.9510, -32.5138, 21.9680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

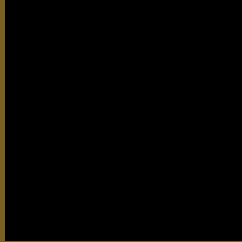
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.9510, -32.5138, 21.9680

Background



This preview shows how black text looks on a background with the YUV color 96.9510, -32.5138, 21.9680.



This preview shows how white text looks on a background with the YUV color 96.9510, -32.5138,

21.9680.

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

96.9510, -32.5138, 21.9680

Protanopia

96.4230, -31.7605, 13.6610

Deuteranopia

97.0870, -32.0879, 25.3567



Tritanopia

102.5620, -2.2491, 21.4321

Trichromacy



Original Color

96.9510, -32.5138, 21.9680

Protanomaly

97.0320, -32.0608, 16.6349

Deuteranomaly

97.3750, -32.2299, 24.2271

Tritanomaly

100.4020, -13.0162, 21.5724

Monochromacy



Original Color

96.9510, -32.5138, 21.9680

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

96.9550, -11.8098, 7.9325

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.9510, -32.5138, 21.9680 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(122, 97, 31)` looks like.

```
.text, #text, p{  
    color:rgb(122, 97, 31)  
}
```

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(122, 97, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 97, 31) }
```

Border

The CSS property to change the border of an element to YUV 96.9510, -32.5138, 21.9680 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(122, 97, 31) }
```


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

```
.border{ border-color:rgb(122, 97, 31) }
```

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

Here you see how a box with a 4 pixel rgb(122, 97, 31) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 97, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 97, 31);  
box-shadow:4px 4px 4px 4px rgb(122, 97,  
31) }
```

Background

The CSS property to change the background color of an element to YUV 96.9510, -32.5138, 21.9680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 97, 31) }
```

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

```
.background{ background-color: rgb(122, 97,  
31) }
```

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](#).

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