

Converting Colors

YUV(121.9800, -36.4721,
31.5895)

Have a look what the booklet for
YUV(121.9800, -36.4721, 31.5895)
contains.

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Color

**YUV(121.9800, -36.4721,
31.5895)**

Conversions

Conversions Part 1

Format	Color
Hex	9E7630
RGB	158, 118, 48
RGB Percent	62%, 46%, 19%
CMY	0.3804, 0.5373, 0.8118
CMYK	0.00, 0.25, 0.70, 0.38
HSL	38°, 53%, 40%
HSV	38°, 70%, 62%
XYZ	21.1125, 20.4394, 5.6287
YIQ	121.9800, 46.3100, -13.2900

Conversions

Conversions Part 2

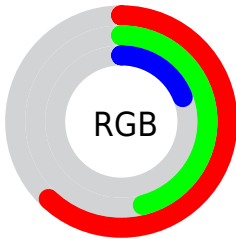
Format	Color
R_{YB}	111, 158, 48
Decimal	10384944
CIE _{Lab}	52.33, 8.28, 43.31
CIE _{LCh}	52, 44.092, 79.173
Yxy	20.4394, 0.4475, 0.4332
Android (android.graphics.Color)	4288575024 (0xFF9E7630)
YUV	121.9800, -36.4721, 31.5895
Hunter-Lab	45.2099, 4.2400, 24.2652

Details

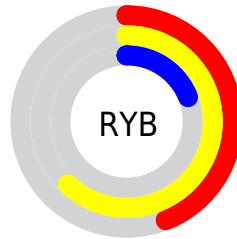
The YUV color **121.9800, -36.4721, 31.5895** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **84.0200, 36.4721, -31.5895**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.5460, -38.2302, 35.4782**, and **71.8870, -35.4403, 27.2861** is the 20% darker color. If you saturate the color by 10%, you get **116.6340, -41.7246, 36.2780**, and if you desaturate by 10%, it is **127.3260, -31.2197, 26.9011**.

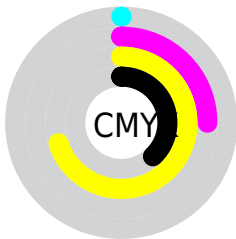
Distribution



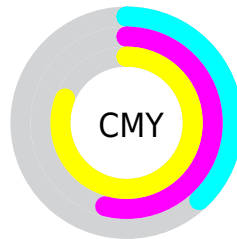
- Red (62%)
- Green (46%)
- Blue (19%)



- Red (44%)
- Yellow (62%)
- Blue (19%)



- Cyan (0%)
- Magenta (25%)
- Yellow (70%)
- Black (38%)



- Cyan (38%)
- Magenta (54%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.9800, -36.4721, 31.5895 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 121.9800, -36.4721, 31.5895 by changing the saturation by 10% instead.

■ 121.9800,
-36.4721, 31.5895

■ 121.9800,
-36.4721, 31.5895

■ 255.0000, 0.0000,
0.0000

■ 96.0830, -36.0299,
29.7452

■ 175.5460,
-38.2302, 35.4782

■ 71.8870, -35.4403,
27.2861

■ 202.9160,
-39.3986, 36.9077

■ 50.9000, -25.0937,
22.0127

■ 225.4200,
-37.1821, 25.9417

■ 30.7990, -15.1839,
16.8393

■ 245.5210,
-33.7809, 8.3131

■ 8.9480, -4.4114,
14.9546

■ 249.3000,
-21.8399, 4.9989

■ 0.0000, 0.0000,
0.0000

■ 252.4920, -9.6096,

2.1995

■ 121.9800,
-36.4721, 31.5895

■ 121.9800,
-36.4721, 31.5895

■ 116.6340,
-41.7246, 36.2780

■ 127.3260,
-31.2197, 26.9011

■ 111.8750,
-47.2664, 40.4516

■ 132.0850,
-25.6779, 22.7275

■ 106.6430,
-52.0820, 45.0401

■ 137.3170,
-20.8623, 18.1390

■ 106.5290,
-52.5188, 45.1401

■ 142.6630,
-15.6099, 13.4505

■ 148.0090,
-10.3574, 8.7621

■ 152.7680, -4.8156,
4.5885

■ 158.1140, 0.4368,
-0.1000

■ 163.3460, 5.2524,
-4.6884

■ 168.6920, 10.5048,
-9.3769

Harmonies

Analogous

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



123.9300, -27.0805, 52.6814



121.9800, -36.4721, 31.5895



118.6730, -34.3488, 3.7948

Triad

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



121.9800, -36.4721, 31.5895



101.4000, 22.9738, -88.9278



128.8270, 22.7633, 25.5847

Complementary

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



121.9800, -36.4721, 31.5895



84.0200, 36.4721, -31.5895

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.



123.8800, 35.5552, -17.4348



121.9800, -36.4721, 31.5895



103.4010, 38.2563, -90.6827

Square

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



121.9800, -36.4721, 31.5895



96.3670, 6.2281, -84.5139



100.7570, 48.4338, -88.3639



126.4640, 6.6732, 53.0901

Rectangle

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



121.9800, -36.4721, 31.5895



115.4190, -25.8426, -17.9075



100.7570, 48.4338, -88.3639



128.3030, 27.4586, 12.8893

Sweetspot

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



121.9800, -36.4721, 31.5895



192.5920, -14.5889, 12.6358



85.4500, 1.2572, 63.6264



96.0520, -8.8996, 7.8474



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



121.9800, -36.4721, 31.5895



149.5960, -57.4818, 50.3433



140.9750, -45.8367, 1.7759



76.3270, -2.6262, 2.3442



96.1740, -47.4138, 41.0664



10.3550, -5.1050, 4.0737

Inverse Universe

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



84.0200, 36.4721, -31.5895



89.8170, 57.7712, -49.8285



65.0250, 45.8367, -1.7759



73.6730, 2.6262, -2.3442



46.8260, 47.4138, -41.0664



5.2320, 4.8156, -4.5885

Previews

White Background



This preview shows how the YUV color 121.9800, -36.4721, 31.5895 looks on a white 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

Black Background



This preview shows how the YUV color 121.9800, -36.4721, 31.5895 looks on a black 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

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

YUV 121.9800, -36.4721, 31.5895

Background



This preview shows how black text looks on a background with the YUV color 121.9800, -36.4721, 31.5895.



This preview shows how white text looks on a background with the YUV color 121.9800, -36.4721,

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

121.9800, -36.4721, 31.5895

Protanopia

120.6360, -34.8235, 16.1052

Deuteranopia

121.9690, -36.4667, 29.8452



Tritanopia

127.4600, -4.1708, 31.1686

Trichromacy



Original Color

121.9800, -36.4721, 31.5895

Protanomaly

120.8540, -35.4240, 22.0530

Deuteranomaly

122.2680, -36.6141, 30.4600

Tritanomaly

125.6590, -16.1009, 30.9941

Monochromacy



Original Color

121.9800, -36.4721, 31.5895

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

122.2220, -13.4204, 11.2063

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.9800, -36.4721, 31.5895 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(158, 118, 48)` looks like.

```
.text, #text, p{  
    color:rgb(158, 118, 48)  
}
```

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(158, 118, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 118, 48) }
```

Border

The CSS property to change the border of an element to YUV 121.9800, -36.4721, 31.5895 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(158, 118, 48) }
```


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

```
.border{ border-color:rgb(158, 118, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 118, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 118, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 118, 48);  
box-shadow:4px 4px 4px 4px rgb(158, 118,  
48) }
```

Background

The CSS property to change the background color of an element to YUV 121.9800, -36.4721, 31.5895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 118, 48) }
```

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

```
.background{ background-color: rgb(158,  
118, 48) }
```

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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