

Converting Colors

YUV(121.3370, -31.2251,
28.6455)

Have a look what the booklet for
YUV(121.3370, -31.2251, 28.6455)
contains.

YUV(121.3370, -31.2251, 28.6455)	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(121.3370, -31.2251,
28.6455)**

Conversions

Conversions Part 1

Format	Color
Hex	9A753A
RGB	154, 117, 58
RGB Percent	60%, 46%, 23%
CMY	0.3961, 0.5412, 0.7725
CMYK	0.00, 0.24, 0.62, 0.40
HSL	37°, 45%, 42%
HSV	37°, 62%, 60%
XYZ	20.4514, 19.8981, 6.7658
YIQ	121.3370, 40.9910, -10.5050

Conversions

Conversions Part 2

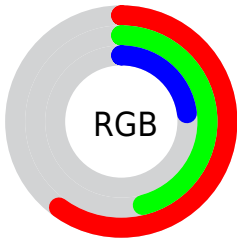
Format	Color
R_{YB}	118, 154, 58
Decimal	10122554
CIE _{Lab}	51.72, 7.71, 37.55
CIE _{LCh}	52, 38.329, 78.393
Yxy	19.8981, 0.4341, 0.4223
Android (android.graphics.Color)	4288312634 (0xFF9A753A)
YUV	121.3370, -31.2251, 28.6455
Hunter-Lab	44.6073, 3.7755, 22.2323

Details

The YUV color **121.3370, -31.2251, 28.6455** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **90.6630, 31.2251, -28.6455**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.4900, -33.2726, 32.0193**, and **71.4290, -30.7775, 25.0568** is the 20% darker color. If you saturate the color by 10%, you get **116.1050, -36.0408, 33.2339**, and if you desaturate by 10%, it is **126.5690, -26.4095, 24.0570**.

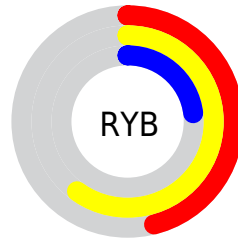
Distribution



Red (60%)

Green (46%)

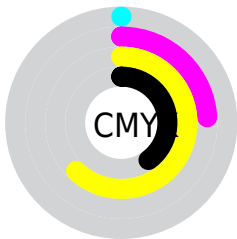
Blue (23%)



Red (46%)

Yellow (60%)

Blue (23%)

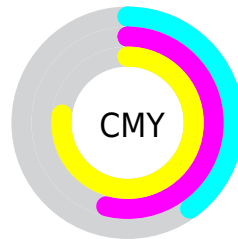


Cyan (0%)

Magenta (24%)

Yellow (62%)

Black (40%)



Cyan (40%)

Magenta (54%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.3370, -31.2251, 28.6455 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 121.3370, -31.2251, 28.6455 by changing the saturation by 10% instead.

■ 121.3370,
-31.2251, 28.6455

■ 121.3370,
-31.2251, 28.6455

■ 255.0000, 0.0000,
0.0000

■ 95.5540, -30.3461,
26.7011

■ 174.4900,
-33.2726, 32.0193

■ 71.4290, -30.7775,
25.0568

■ 201.9740,
-34.0042, 33.3488

■ 49.7150, -24.5095,
21.2979

■ 225.9730,
-32.5247, 25.4567

■ 29.6140, -14.5997,
16.1245

■ 246.0740,
-29.1235, 7.8281

■ 7.1760, -3.5378,
14.7546

■ 250.4400,
-17.4719, 3.9991

■ 0.0000, 0.0000,
0.0000

■ 253.6320, -5.2416,

1.1997

■ 121.3370,
-31.2251, 28.6455

■ 121.3370,
-31.2251, 28.6455

■ 116.1050,
-36.0408, 33.2339

■ 126.5690,
-26.4095, 24.0570

■ 110.7590,
-41.2932, 37.9224

■ 131.9150,
-21.1571, 19.3685

■ 105.5270,
-46.1088, 42.5108

■ 137.1470,
-16.3415, 14.7801

■ 101.8110,
-50.1928, 45.7698

■ 142.4930,
-11.0890, 10.0916

■ 147.7250, -6.2734,
5.5032

■ 152.9570, -1.4578,
0.9147

■ 158.3030, 3.7946,
-3.7737

■ 162.9480, 8.8996,
-7.8474

■ 168.2940, 14.1521,
-12.5358

Harmonies

Analogous

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



122.9230, -23.1330, 46.5485



121.3370, -31.2251, 28.6455



118.6390, -29.4020, 3.8246

Triad

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



121.3370, -31.2251, 28.6455



98.4820, 21.9474, -86.3687



126.9960, 19.7220, 21.0515

Complementary

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



121.3370, -31.2251, 28.6455



90.6630, 31.2251, -28.6455

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.



123.2240, 30.4556, -15.1054



121.3370, -31.2251, 28.6455



99.9130, 35.0459, -87.6237

Square

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



121.3370, -31.2251, 28.6455



102.3910, 3.2582, -65.2409



105.4020, 40.2278, -69.6356



125.7790, 5.5320, 45.7978

Rectangle

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



121.3370, -31.2251, 28.6455



115.6520, -22.5064, -14.6038



105.4020, 40.2278, -69.6356



126.3690, 23.9751, 10.2004

Sweetspot

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



121.3370, -31.2251, 28.6455



188.4500, -12.5468, 11.0064



91.0360, 2.4473, 55.2194



94.0950, -7.4418, 6.9327



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



121.3370, -31.2251, 28.6455



149.7400, -49.1718, 44.9550



140.0660, -40.4585, 3.4501



74.3270, -2.6262, 2.3442



92.3420, -45.5246, 41.7961



8.5830, -4.2314, 3.8737

Inverse Universe

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



90.6630, 31.2251, -28.6455



101.8470, 48.8824, -45.4698



71.9340, 40.4585, -3.4501



71.6730, 2.6262, -2.3442



47.6580, 45.5246, -41.7961



4.4170, 4.2314, -3.8737

Previews

White Background



This preview shows how the YUV color 121.3370, -31.2251, 28.6455 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 121.3370, -31.2251, 28.6455 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 121.3370, -31.2251, 28.6455

Background



This preview shows how black text looks on a background with the YUV color 121.3370, -31.2251, 28.6455.



This preview shows how white text looks on a background with the YUV color 121.3370, -31.2251,

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

121.3370, -31.2251, 28.6455

Protanopia

120.5910, -29.8714, 14.3907

Deuteranopia

121.6250, -31.3671, 27.5159



Tritanopia

125.6770, -3.2918, 29.2243

Trichromacy



Original Color

121.3370, -31.2251, 28.6455

Protanomaly

120.5100, -30.3244, 19.7237

Deuteranomaly

121.6250, -31.3671, 27.5159

Tritanomaly

124.3320, -13.4747, 28.6498

Monochromacy



Original Color

121.3370, -31.2251, 28.6455

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

121.3790, -11.5258, 10.1916

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.3370, -31.2251, 28.6455 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(154, 117, 58)` looks like.

```
.text, #text, p{  
    color:rgb(154, 117, 58)  
}
```

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(154, 117, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 117, 58) }
```

Border

The CSS property to change the border of an element to YUV 121.3370, -31.2251, 28.6455 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(154, 117, 58) }
```


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

```
.border{ border-color:rgb(154, 117, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 117, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 117, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 117, 58);  
box-shadow:4px 4px 4px 4px rgb(154, 117,  
58) }
```

Background

The CSS property to change the background color of an element to YUV 121.3370, -31.2251, 28.6455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 117, 58) }
```

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

```
.background{ background-color: rgb(154,  
117, 58) }
```

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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