

Converting Colors

YUV(94.4800, -31.2956,
51.3220)

Have a look what the booklet for
YUV(94.4800, -31.2956, 51.3220)
contains.

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Color

**YUV(94.4800, -31.2956,
51.3220)**

Conversions

Conversions Part 1

Format	Color
Hex	994D1F
RGB	153, 77, 31
RGB Percent	60%, 30%, 12%
CMY	0.4000, 0.6980, 0.8784
CMYK	0.00, 0.50, 0.80, 0.40
HSL	23°, 66%, 36%
HSV	23°, 80%, 60%
XYZ	16.0381, 12.1790, 2.8018
YIQ	94.4800, 60.0620, 1.8060

Conversions

Conversions Part 2

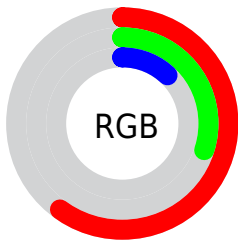
Format	Color
R_{YB}	153, 105, 31
Decimal	10046751
CIE _{Lab}	41.50, 28.45, 40.09
CIE _{LCh}	41, 49.162, 54.635
Yxy	12.1790, 0.5170, 0.3926
Android (android.graphics.Color)	4288236831 (0xFF994D1F)
YUV	94.4800, -31.2956, 51.3220
Hunter-Lab	34.8984, 20.9601, 19.6688

Details

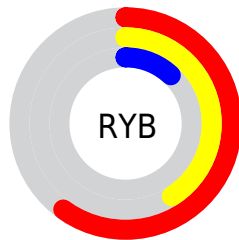
The YUV color **94.4800, -31.2956, 51.3220** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **89.5200, 31.2956, -51.3220**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.8290, -33.9327, 57.1550**, and **46.3140, -22.8328, 43.5746** is the 20% darker color. If you saturate the color by 10%, you get **86.9000, -34.9537, 57.9697**, and if you desaturate by 10%, it is **102.0600, -27.6376, 44.6744**.

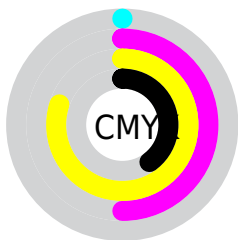
Distribution



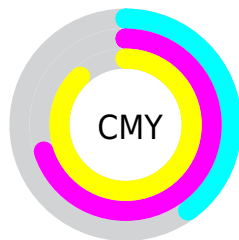
- Red (60%)
- Green (30%)
- Blue (12%)



- Red (60%)
- Yellow (41%)
- Blue (12%)



- Cyan (0%)
- Magenta (50%)
- Yellow (80%)
- Black (40%)





- Cyan (40%)
- Magenta (70%)
- Yellow (88%)

Brightness & Saturation Gradients


These gradients show how the YUV color 94.4800, -31.2956, 51.3220 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 94.4800, -31.2956, 51.3220 by changing the saturation by 10% instead.


 94.4800, -31.2956,
51.3220


 94.4800, -31.2956,
51.3220


255.0000, 0.0000,
0.0000


 68.8710, -30.9954,
48.3481


 146.8290,
-33.9327, 57.1550


 46.3140, -22.8328,
43.5746

 174.7970,
-35.3959, 59.8140


 23.2670, -11.4706,
39.2308

 197.1980,
-33.6216, 50.6924

 13.1560, -6.4859,
27.0502

 216.0110,
-30.0784, 34.1934

 0.0000, 0.0000,
0.0000

 236.1120,
-26.6772, 16.5648

 249.8700,

-19.6559, 4.4990

■ 253.1760, -6.9888,
1.5996

■ 94.4800, -31.2956,
51.3220

■ 94.4800, -31.2956,
51.3220

■ 86.9000, -34.9537,
57.9697

■ 102.0600,
-27.6376, 44.6744

■ 79.7930, -39.3379,
64.2025

■ 109.1670,
-23.2533, 38.4415

■ 116.7470,
-19.5953, 31.7939

■ 123.7400,
-15.6478, 25.6610

■ 131.3200,
-11.9898, 19.0134

■ 138.4270, -7.6055,
12.7805

■ 146.0070, -3.9475,
6.1329

■ 153.0000, 0.0000,
0.0000

■ 160.6940, 4.0949,
-6.7476

Harmonies

Analogous

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



93.9760, -13.2992, 65.7960



94.4800, -31.2956, 51.3220



91.7810, -44.7550, 28.2561

Triad

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



94.4800, -31.2956, 51.3220



78.2380, 5.3057, -68.6147



97.2550, 36.8493, -12.5016

Complementary

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



94.4800, -31.2956, 51.3220



89.5200, 31.2956, -51.3220

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.



82.0410, 47.8008, -71.9500



94.4800, -31.2956, 51.3220



83.4990, 22.9250, -73.2286

Square

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



94.4800, -31.2956, 51.3220



79.2780, -15.4201, -47.6018



84.9130, 38.4969, -74.4687



100.3550, 22.0100, 33.8917

Rectangle

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



94.4800, -31.2956, 51.3220



89.5890, -43.6744, 8.2534



84.9130, 38.4969, -74.4687



91.6650, 41.5772, -35.6632

Sweetspot

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



94.4800, -31.2956, 51.3220



175.9180, -12.2846, 20.2429



76.2560, 15.6498, 67.3045



85.2420, -7.0213, 12.0658



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



94.4800, -31.2956, 51.3220



107.3730, -48.9909, 80.3569



129.7000, -48.6591, 20.4341



73.1530, -2.0474, 3.3738



72.9710, -35.9747, 58.7844



6.8220, -3.3632, 5.4181

Inverse Universe

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



89.5200, 31.2956, -51.3220



99.6270, 48.9909, -80.3569



54.3000, 48.6591, -20.4341



72.8470, 2.0474, -3.3738



67.0290, 35.9747, -58.7844



6.1780, 3.3632, -5.4181

Previews

White Background



This preview shows how the YUV color 94.4800, -31.2956, 51.3220 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 94.4800, -31.2956, 51.3220 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 94.4800, -31.2956, 51.3220

Background



This preview shows how black text looks on a background with the YUV color 94.4800, -31.2956, 51.3220.



This preview shows how white text looks on a background with the YUV color 94.4800, -31.2956,

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

94.4800, -31.2956, 51.3220

Protanopia

95.2210, -28.7030, 12.9612

Deuteranopia

95.1040, -34.5613, 25.3418



Tritanopia

97.3870, -10.0508, 50.5266

Trichromacy



Original Color

94.4800, -31.2956, 51.3220

Protanomaly

95.0810, -29.6199, 27.1160

Deuteranomaly

95.0990, -33.5728, 34.9932

Tritanomaly

96.3240, -17.9077, 50.5819

Monochromacy



Original Color

94.4800, -31.2956, 51.3220

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

94.1350, -11.4056, 18.2986

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.4800, -31.2956, 51.3220 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(153, 77, 31)` looks like.

```
.text, #text, p{  
    color:rgb(153, 77, 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(153, 77, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 77, 31) }
```

Border

The CSS property to change the border of an element to YUV 94.4800, -31.2956, 51.3220 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(153, 77, 31) }
```


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

```
.border{ border-color:rgb(153, 77, 31) }
```

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

Here you see how a box with a 4 pixel rgb(153, 77, 31) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 77, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 77, 31);  
box-shadow:4px 4px 4px 4px rgb(153, 77,  
31) }
```

Background

The CSS property to change the background color of an element to YUV 94.4800, -31.2956, 51.3220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 77, 31) }
```

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

```
.background{ background-color: rgb(153, 77,  
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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