

Converting Colors

YUV(95.1240, -41.4731,
49.0033)

Have a look what the booklet for
YUV(95.1240, -41.4731, 49.0033)
contains.

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Color

**YUV(95.1240, -41.4731,
49.0033)**

Conversions

Conversions Part 1

Format	Color
Hex	97530B
RGB	151, 83, 11
RGB Percent	59%, 33%, 4%
CMY	0.4078, 0.6745, 0.9569
CMYK	0.00, 0.45, 0.93, 0.41
HSL	31°, 86%, 32%
HSV	31°, 93%, 59%
XYZ	15.9162, 12.7900, 1.9464
YIQ	95.1240, 63.6400, -7.9760

Conversions

Conversions Part 2

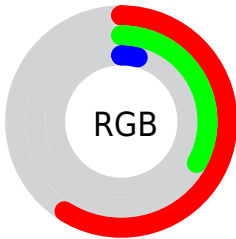
Format	Color
RYB	143, 151, 11
Decimal	9917195
CIELab	42.45, 23.68, 48.47
CIELCh	42, 53.946, 63.968
Yxy	12.7900, 0.5192, 0.4173
Android (android.graphics.Color)	4288107275 (0xFF97530B)
YUV	95.1240, -41.4731, 49.0033
Hunter-Lab	35.7631, 16.8550, 21.8072

Details

The YUV color **95.1240, -41.4731, 49.0033** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **66.8760, 41.4731, -49.0033**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.1570, -41.4894, 54.2363**, and **49.8250, -24.5637, 38.7415** is the 20% darker color. If you saturate the color by 10%, you get **90.9350, -44.8310, 52.6770**, and if you desaturate by 10%, it is **100.9430, -36.9469, 43.9000**.

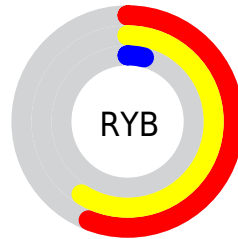
Distribution



Red (59%)

Green (33%)

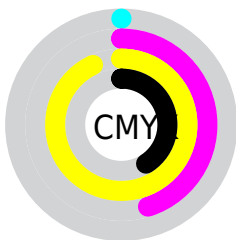
Blue (4%)



Red (56%)

Yellow (59%)

Blue (4%)

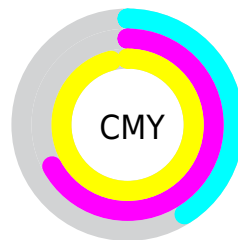


Cyan (0%)

Magenta (45%)

Yellow (93%)

Black (41%)



Cyan (41%)

Magenta (67%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.1240, -41.4731, 49.0033 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 95.1240, -41.4731, 49.0033 by changing the saturation by 10% instead.

■ 95.1240, -41.4731,
49.0033

■ 95.1240, -41.4731,
49.0033

254.7720, -0.8736,
0.2000

■ 71.1110, -35.0577,
44.6297

■ 148.1570,
-41.4894, 54.2363

■ 49.8250, -24.5637,
38.7415

■ 175.5380,
-42.6632, 57.4102

■ 28.5390, -14.0697,
32.8533

■ 199.1240,
-41.4731, 49.0033

■ 12.5580, -6.1911,
25.8206


■ 217.9370,
-37.9299, 32.5043


■ 0.0000, 0.0000,
0.0000


■ 238.0380,
-34.5287, 14.8757


■ 248.2740,


-25.7711, 5.8987


 251.4660,
-13.5407, 3.0993


 95.1240, -41.4731,
49.0033

 95.1240, -41.4731,
49.0033


 90.9350, -44.8310,
52.6770

 100.9430,
-36.9469, 43.9000

 107.3490,
-32.7101, 38.2819

 113.1680,
-28.1838, 33.1787

 118.9870,
-23.6576, 28.0754

 125.3930,
-19.4207, 22.4573

■ 131.3260,
-14.4577, 17.2541

■ 137.1450, -9.9315,
12.1508

■ 143.5510, -5.6946,
6.5328

■ 149.3700, -1.1684,
1.4295

Harmonies

Analogous

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



95.0490, -20.7302, 69.2400



95.1240, -41.4731, 49.0033



93.3840, -46.0383, 19.8342

Triad

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



95.1240, -41.4731, 49.0033



82.4100, 11.1369, -72.2736



102.4250, 35.7795, 4.0123

Complementary

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



95.1240, -41.4731, 49.0033



66.8760, 41.4731, -49.0033

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.



82.7080, 52.8950, -72.5349



95.1240, -41.4731, 49.0033



87.4260, 30.3560, -76.6726

Square

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



95.1240, -41.4731, 49.0033



75.9920, -8.3771, -66.6450



88.0250, 45.3437, -77.1979



100.7700, 19.3404, 50.1907

Rectangle

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



95.1240, -41.4731, 49.0033



89.1100, -43.9312, -2.7275



88.0250, 45.3437, -77.1979



98.6720, 41.0807, -16.3753

Sweetspot

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



95.1240, -41.4731, 49.0033



174.4680, -16.4997, 18.8836



60.8400, 9.9389, 79.0703



85.8460, -9.7841, 11.5361



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.



95.1240, -41.4731, 49.0033



117.8910, -58.1203, 68.5016



135.0400, -61.1517, 13.9969



73.7400, -2.3368, 2.8590



84.1240, -41.4731, 49.0033



7.9960, -3.9420, 4.3885

Inverse Universe

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



66.8760, 41.4731, -49.0033



78.1090, 58.1203, -68.5016



26.9600, 61.1517, -13.9969



72.2600, 2.3368, -2.8590



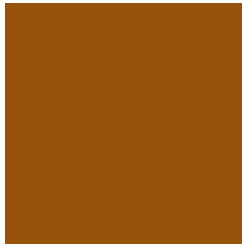
55.8760, 41.4731, -49.0033



5.0040, 3.9420, -4.3885

Previews

White Background



This preview shows how the YUV color 95.1240, -41.4731, 49.0033 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 95.1240, -41.4731, 49.0033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

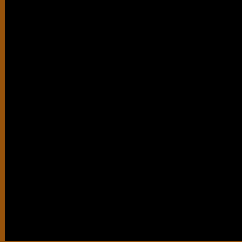
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 95.1240, -41.4731, 49.0033

Background



This preview shows how black text looks on a background with the YUV color 95.1240, -41.4731, 49.0033.



This preview shows how white text looks on a background with the YUV color 95.1240, -41.4731,

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

95.1240, -41.4731, 49.0033

Protanopia

95.3110, -38.6073, 16.3903

Deuteranopia

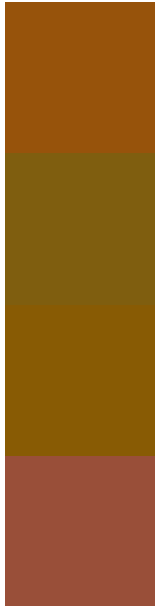
94.3250, -46.5022, 28.6560



Tritanopia

100.7070, -8.7296, 46.7380

Trichromacy



Original Color

95.1240, -41.4731, 49.0033

Protanomaly

94.8610, -39.3715, 28.1859

Deuteranomaly

94.5370, -44.6347, 36.3631

Tritanomaly

98.6180, -20.5177, 47.6930

Monochromacy



Original Color

95.1240, -41.4731, 49.0033

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

95.0980, -15.3313, 17.4541

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.1240, -41.4731, 49.0033 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(151, 83, 11)` looks like.

```
.text, #text, p{  
    color:rgb(151, 83, 11)  
}
```

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(151, 83, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 83, 11) }
```

Border

The CSS property to change the border of an element to YUV 95.1240, -41.4731, 49.0033 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(151, 83, 11) }
```


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

```
.border{ border-color:rgb(151, 83, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 83, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 83, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 83, 11);  
box-shadow:4px 4px 4px 4px rgb(151, 83,  
11) }
```

Background

The CSS property to change the background color of an element to YUV 95.1240, -41.4731, 49.0033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 83, 11) }
```

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

```
.background{ background-color: rgb(151, 83,  
11) }
```

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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