

Converting Colors

YUV(130.7910, -19.6170,
38.7713)

Have a look what the booklet for
YUV(130.7910, -19.6170, 38.7713)
contains.

YUV(130.7910, -19.6170, 38.7713)	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(130.7910, -19.6170,
38.7713)**

Conversions

Conversions Part 1

Format	Color
Hex	AF745B
RGB	175, 116, 91
RGB Percent	69%, 45%, 36%
CMY	0.3137, 0.5451, 0.6431
CMYK	0.00, 0.34, 0.48, 0.31
HSL	18°, 34%, 52%
HSV	18°, 48%, 69%
XYZ	25.8129, 22.3601, 12.8530
YIQ	130.7910, 43.1890, 4.7330

Conversions

Conversions Part 2

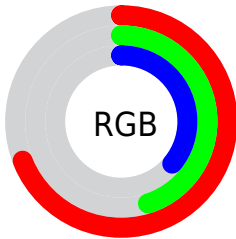
Format	Color
R_{YB}	175, 127, 91
Decimal	11498587
CIE _{Lab}	54.41, 20.32, 23.28
CIE _{LCh}	54, 30.900, 48.891
Yxy	22.3601, 0.4230, 0.3664
Android (android.graphics.Color)	4289688667 (0xFFAF745B)
YUV	130.7910, -19.6170, 38.7713
Hunter-Lab	47.2864, 14.6890, 16.9848

Details

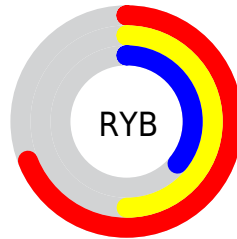
The YUV color **130.7910, -19.6170, 38.7713** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **135.2090, 19.6170, -38.7713**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.3570, -21.3750, 42.6599**, and **80.3390, -17.4221, 34.7827** is the 20% darker color. If you saturate the color by 10%, you get **121.8090, -23.5698, 46.6485**, and if you desaturate by 10%, it is **139.8870, -15.2273, 30.7941**.

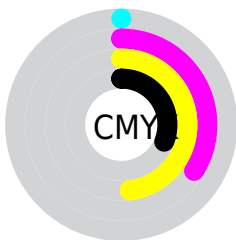
Distribution



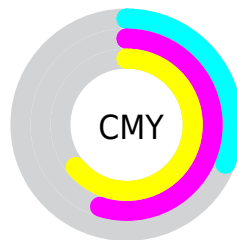
- Red (69%)
- Green (45%)
- Blue (36%)



- Red (69%)
- Yellow (50%)
- Blue (36%)



- Cyan (0%)
- Magenta (34%)
- Yellow (48%)
- Black (31%)



- Cyan (31%)
- Magenta (55%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 130.7910, -19.6170, 38.7713 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 130.7910, -19.6170, 38.7713 by changing the saturation by 10% instead.

■ 130.7910,
-19.6170, 38.7713

■ 130.7910,
-19.6170, 38.7713

■ 255.0000, 0.0000,
0.0000

■ 105.0080,
-18.7379, 36.8270

■ 184.3570,
-21.3750, 42.6599

■ 80.3390, -17.4221,
34.7827

■ 210.4490,
-20.9274, 39.0712

■ 56.3710, -15.9589,
32.1236

■ 229.9630,
-17.2368, 21.9574

■ 33.2460, -16.3903,
30.4793

■ 249.5910,
-13.1094, 4.7437

■ 12.8570, -6.3385,
26.4354

■ 254.6580, -1.3104,
0.2999

■ 0.0000, 0.0000,
0.0000

■ 130.7910,
-19.6170, 38.7713

■ 130.7910,
-19.6170, 38.7713

■ 121.8090,
-23.5698, 46.6485

■ 139.8870,
-15.2273, 30.7941

■ 112.1260,
-27.6701, 55.1405

■ 149.4560,
-11.5638, 22.4021

■ 103.1440,
-31.6230, 63.0177

■ 158.5520, -7.1741,
14.4249

■ 94.0480, -36.0127,
70.9949

■ 167.5340, -3.2213,
6.5477

■ 85.0660, -39.9655,
78.8721

■ 176.6300, 1.1684,
-1.4295

■ 82.8490, -40.8446,
80.8164

■ 186.1990, 4.8319,
-9.8215

■ 195.2950, 9.2216,
-17.7987

■ 204.2770, 13.1744,

-25.6759

■ 213.9600, 17.2747,
-34.1679

Harmonies

Analogous

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



131.9840, -8.8661, 43.8640



130.7910, -19.6170, 38.7713



129.2100, -25.2465, 24.3718

Triad

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



130.7910, -19.6170, 38.7713



117.8280, 0.5778, -45.4532



130.6500, 24.3295, -10.2171

Complementary

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



130.7910, -19.6170, 38.7713



135.2090, 19.6170, -38.7713

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.



122.7060, 29.2319, -42.7152



130.7910, -19.6170, 38.7713



108.9460, 18.2676, -72.7436

Square

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



130.7910, -19.6170, 38.7713



122.7960, -14.1964, -19.9921



110.5080, 29.3296, -74.1135



133.5350, 15.5122, 17.9478

Rectangle

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



130.7910, -19.6170, 38.7713



127.5350, -24.9138, 10.9318



110.5080, 29.3296, -74.1135



128.5670, 26.8355, -20.6683

Sweetspot

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



130.7910, -19.6170, 38.7713



210.4380, -7.6109, 14.5249



122.9560, 13.8257, 45.6426



104.5020, -4.6845, 9.2067



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



130.7910, -19.6170, 38.7713



157.3610, -30.7440, 61.0734



154.8580, -31.4820, 17.6645



82.4520, -2.1948, 3.9886



71.2650, -35.1336, 69.0506



10.9860, -5.4161, 10.5363

Inverse Universe

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



135.2090, 19.6170, -38.7713



164.6390, 30.7440, -61.0734



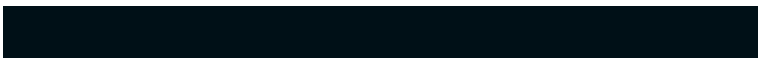
111.1420, 31.4820, -17.6645



82.5480, 2.1948, -3.9886



79.3220, 34.8443, -69.5654



12.0140, 5.4161, -10.5363

Previews

White Background



This preview shows how the YUV color 130.7910, -19.6170, 38.7713 looks on a white background.

Color Contrast Check

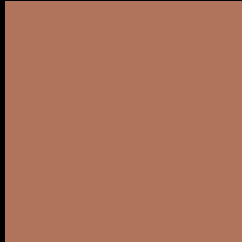
Large Text (above 18pt) WCAG AA ✓ Pass

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 130.7910, -19.6170, 38.7713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

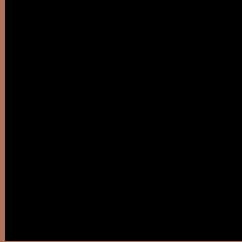
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 130.7910, -19.6170, 38.7713

Background



This preview shows how black text looks on a background with the YUV color 130.7910, -19.6170, 38.7713.



This preview shows how white text looks on a background with the YUV color 130.7910, -19.6170,

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

130.7910, -19.6170, 38.7713

Protanopia

129.2280, -15.8884, 9.4470

Deuteranopia

130.1650, -20.2943, 22.6573



Tritanopia

132.3470, -6.0871, 39.1607

Trichromacy



Original Color

130.7910, -19.6170, 38.7713

Protanomaly

129.9520, -17.2313, 20.2131

Deuteranomaly

130.6110, -20.0212, 28.4052

Tritanomaly

131.3810, -11.0338, 39.1309

Monochromacy



Original Color

130.7910, -19.6170, 38.7713

Achromatopsia

131.0000, 0.0000, 0.0000

Achromatomaly

131.1390, -7.4635, 13.9101

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.7910, -19.6170, 38.7713 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(175, 116, 91)` looks like.

```
.text, #text, p{  
    color:rgb(175, 116, 91)  
}
```

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(175, 116, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 116, 91) }
```

Border

The CSS property to change the border of an element to YUV 130.7910, -19.6170, 38.7713 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(175, 116, 91) }
```


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

```
.border{ border-color:rgb(175, 116, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 116, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 116, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 116, 91);  
box-shadow:4px 4px 4px 4px rgb(175, 116,  
91) }
```

Background

The CSS property to change the background color of an element to YUV 130.7910, -19.6170, 38.7713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 116, 91) }
```

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

```
.background{ background-color: rgb(175,  
116, 91) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor