

Converting Colors

YUV(112.9910, -16.2646,
36.8419)

Have a look what the booklet for
YUV(112.9910, -16.2646, 36.8419)
contains.

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Color

**YUV(112.9910, -16.2646,
36.8419)**

Conversions

Conversions Part 1	
Format	Color
Hex	9B6250
RGB	155, 98, 80
RGB Percent	61%, 38%, 31%
CMY	0.3922, 0.6157, 0.6863
CMYK	0.00, 0.37, 0.48, 0.39
HSL	14°, 32%, 46%
HSV	14°, 48%, 61%
XYZ	19.3332, 16.2831, 9.7134
YIQ	112.9910, 39.7500, 6.4860

Conversions

Conversions Part 2

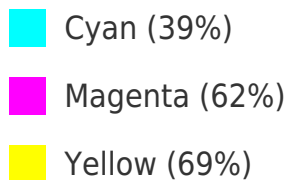
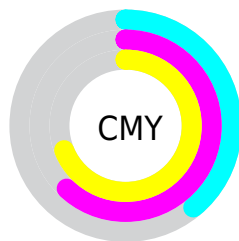
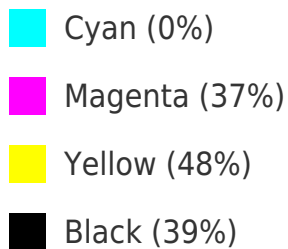
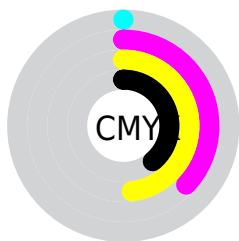
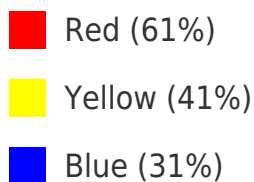
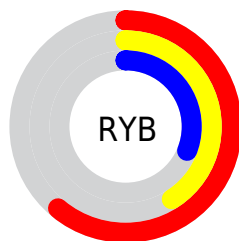
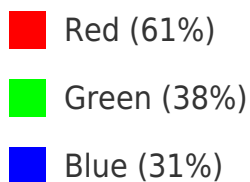
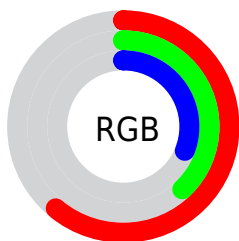
Format	Color
RYB	155, 104, 80
Decimal	10183248
CIELab	47.34, 21.02, 19.85
CIELCh	47, 28.910, 43.359
Yxy	16.2831, 0.4265, 0.3592
Android (android.graphics.Color)	4288373328 (0xFF9B6250)
YUV	112.9910, -16.2646, 36.8419
Hunter-Lab	40.3523, 14.9046, 13.9747

Details

The YUV color **112.9910, -16.2646, 36.8419** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **122.0090, 16.2646, -36.8419**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.5570, -18.0226, 40.7305**, and **64.1260, -14.3591, 32.3385** is the 20% darker color. If you saturate the color by 10%, you get **104.2370, -19.3438, 44.5192**, and if you desaturate by 10%, it is **121.8590, -12.7485, 29.0647**.


Distribution




Brightness & Saturation Gradients


These gradients show how the YUV color 112.9910, -16.2646, 36.8419 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 112.9910, -16.2646, 36.8419 by changing the saturation by 10% instead.


 112.9910,
-16.2646, 36.8419


 112.9910,
-16.2646, 36.8419


255.0000, 0.0000,
0.0000


 88.2080, -15.3855,
34.8976


 165.5570,
-18.0226, 40.7305


 64.1260, -14.3591,
32.3385


 193.0410,
-18.7542, 42.0600


 40.4570, -13.0433,
30.2942


 216.7410,
-17.1273, 33.5531


 19.0590, -9.3961,
27.1353


 236.3690,
-12.9999, 16.3394

 6.2790, -3.0955,
12.9103


 253.0620, -7.4256,
1.6996


 0.0000, 0.0000,
0.0000


 112.9910,
-16.2646, 36.8419


 112.9910,
-16.2646, 36.8419


 104.2370,
-19.3438, 44.5192


 121.8590,
-12.7485, 29.0647


 95.3690, -22.8599,
52.2964


 130.6130, -9.6692,
21.3874


 87.2020, -26.2286,
59.4588


 138.7800, -6.3005,
14.2249

 78.3340, -29.7447,
67.2361


 147.6480, -2.7845,
6.4477

 69.5800, -32.8239,
74.9133

 156.4020, 0.2948,
-1.2296

 68.0640, -33.5556,
76.2429

 165.2700, 3.8109,
-9.0068

 173.5510, 7.6164,
-16.2692

 182.3050, 10.6956,

-23.9465

■ 191.1730, 14.2117,
-31.7237

Harmonies

Analogous

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



114.0590, -5.9451, 40.2903



112.9910, -16.2646, 36.8419



111.6060, -22.4838, 24.9015

Triad

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



112.9910, -16.2646, 36.8419



101.6010, -1.7753, -37.3611



111.3890, 23.4722, -15.2502

Complementary

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



112.9910, -16.2646, 36.8419



122.0090, 16.2646, -36.8419

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.



103.1140, 27.0588, -45.7040



112.9910, -16.2646, 36.8419



92.7790, 14.8990, -65.5812

Square

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



112.9910, -16.2646, 36.8419



106.6010, -15.0863, -14.5591



88.7310, 27.7406, -77.8171



115.3170, 16.1127, 12.0000

Rectangle

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



112.9910, -16.2646, 36.8419



110.3010, -23.3194, 12.8910



88.7310, 27.7406, -77.8171



109.4910, 25.3939, -24.9866

Sweetspot

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



112.9910, -16.2646, 36.8419



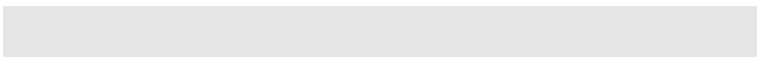
184.0790, -6.4479, 14.8397



109.0370, 14.2788, 40.3096



91.7300, -3.8109, 9.0068



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.



112.9910, -16.2646, 36.8419



136.1200, -25.2022, 56.8998



134.7100, -26.9720, 17.7943



72.5660, -1.7580, 3.8886



61.8180, -30.4763, 68.5656



5.6480, -2.7845, 6.4477

Inverse Universe

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



122.0090, 16.2646, -36.8419



149.8800, 25.2022, -56.8998



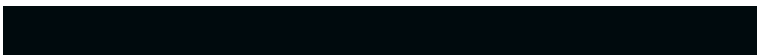
100.2900, 26.9720, -17.7943



73.4340, 1.7580, -3.8886



78.7690, 30.1869, -69.0804



7.3520, 2.7845, -6.4477

Previews

White Background



This preview shows how the YUV color 112.9910, -16.2646, 36.8419 looks on a white background.

Color Contrast Check

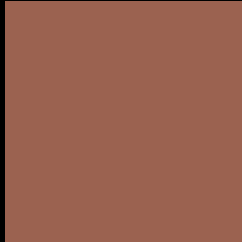
Large Text (above 18pt) WCAG AA ✓ Pass

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 112.9910, -16.2646, 36.8419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

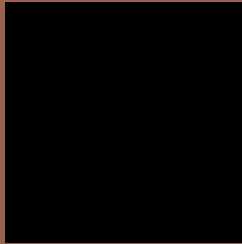
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 112.9910, -16.2646, 36.8419

Background



This preview shows how black text looks on a background with the YUV color 112.9910, -16.2646, 36.8419.



This preview shows how white text looks on a background with the YUV color 112.9910, -16.2646,

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

112.9910, -16.2646, 36.8419

Protanopia

112.0150, -12.8254, 7.0028

Deuteranopia

112.3540, -16.9365, 18.9835



Tritanopia

114.3360, -6.0816, 37.4163

Trichromacy



Original Color
112.9910, -16.2646, 36.8419

Protanomaly
112.7390, -14.1683, 17.7689

Deuteranomaly
112.5120, -16.5214, 25.8610

Tritanomaly
113.7120, -9.7180, 37.0866

Monochromacy



Original Color
112.9910, -16.2646, 36.8419

Achromatopsia
113.0000, 0.0000, 0.0000

Achromatomaly
113.1820, -6.0057, 12.9954

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.9910, -16.2646, 36.8419 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(155, 98, 80)` looks like.

```
.text, #text, p{  
    color:rgb(155, 98, 80)  
}
```

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(155, 98, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 98, 80) }
```

Border

The CSS property to change the border of an element to YUV 112.9910, -16.2646, 36.8419 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(155, 98, 80) }
```


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

```
.border{ border-color:rgb(155, 98, 80) }
```

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

Here you see how a box with a 4 pixel rgb(155, 98, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 98, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 98, 80);  
box-shadow:4px 4px 4px 4px rgb(155, 98,  
80) }
```

Background

The CSS property to change the background color of an element to YUV 112.9910, -16.2646, 36.8419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 98, 80) }
```

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

```
.background{ background-color: rgb(155, 98,  
80) }
```

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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