

Converting Colors

YUV(117.6460, -22.9965,
49.4225)

Have a look what the booklet for
YUV(117.6460, -22.9965, 49.4225)
contains.

YUV(117.6460, -22.9965, 49.4225)	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(117.6460, -22.9965,
49.4225)**

Conversions

Conversions Part 1

Format	Color
Hex	AE6247
RGB	174, 98, 71
RGB Percent	68%, 38%, 28%
CMY	0.3176, 0.6157, 0.7216
CMYK	0.00, 0.44, 0.59, 0.32
HSL	16°, 42%, 48%
HSV	16°, 59%, 68%
XYZ	22.9606, 18.1890, 8.2619
YIQ	117.6460, 53.9630, 7.7150

Conversions

Conversions Part 2

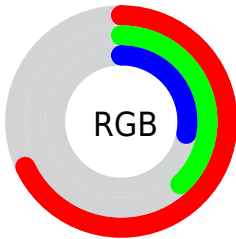
Format	Color
RYB	174, 108, 71
Decimal	11428423
CIELab	49.72, 28.10, 28.65
CIElCh	50, 40.131, 45.548
Yxy	18.1890, 0.4647, 0.3681
Android (android.graphics.Color)	4289618503 (0xFFAE6247)
YUV	117.6460, -22.9965, 49.4225
Hunter-Lab	42.6485, 21.4636, 18.3683

Details

The YUV color **117.6460, -22.9965, 49.4225** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **127.3540, 22.9965, -49.4225**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.3970, -25.3387, 54.0258**, and **67.2970, -20.3594, 43.5895** is the 20% darker color. If you saturate the color by 10%, you get **108.0770, -26.6600, 57.8145**, and if you desaturate by 10%, it is **127.2150, -19.3330, 41.0304**.

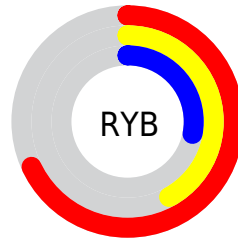
Distribution



Red (68%)

Green (38%)

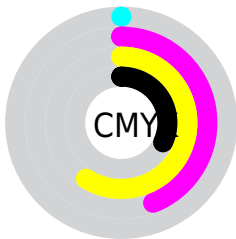
Blue (28%)



Red (68%)

Yellow (42%)

Blue (28%)

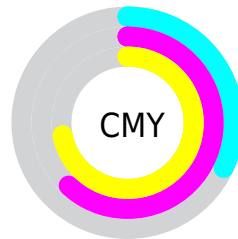


Cyan (0%)

Magenta (44%)

Yellow (59%)

Black (32%)



Cyan (32%)

Magenta (62%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.6460, -22.9965, 49.4225 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 117.6460, -22.9965, 49.4225 by changing the saturation by 10% instead.

■ 117.6460,
-22.9965, 49.4225

■ 117.6460,
-22.9965, 49.4225

■ 255.0000, 0.0000,
0.0000

■ 91.6780, -21.5333,
46.7634

■ 171.3970,
-25.3387, 54.0258

■ 67.2970, -20.3594,
43.5895

■ 196.7880,
-25.0385, 51.0519

■ 42.4000, -19.9172,
41.7452

■ 215.7150,
-21.0585, 34.4529

■ 20.0110, -9.8654,
37.7014

■ 235.8160,
-17.6573, 16.8244

■ 12.0740, -5.4595,
24.4911

■ 251.9220,
-11.7935, 2.6994

■ 0.0000, 0.0000,
0.0000

■ 117.6460,
-22.9965, 49.4225

■ 117.6460,
-22.9965, 49.4225

■ 108.0770,
-26.6600, 57.8145

■ 127.2150,
-19.3330, 41.0304

■ 98.3940, -30.7602,
66.3065

■ 136.8980,
-15.2327, 32.5385

■ 88.8250, -34.4237,
74.6985

■ 146.4670,
-11.5692, 24.1464

■ 79.7290, -38.8134,
82.6757

■ 155.5630, -7.1796,
16.1692

■ 79.0280, -38.9608,
83.2904

■ 165.1320, -3.5161,
7.7772

■ 174.7010, 0.1474,
-0.6148

■ 184.3840, 4.2477,
-9.1068

■ 193.9530, 7.9112,

-17.4988

■ 203.6360, 12.0115,
-25.9908

Harmonies

Analogous

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



118.8760, -8.3199, 55.3597



117.6460, -22.9965, 49.4225



116.4190, -32.2516, 31.2045

Triad

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



117.6460, -22.9965, 49.4225



95.1410, 2.3955, -68.5297



116.8750, 33.0926, -20.9384

Complementary

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



117.6460, -22.9965, 49.4225



127.3540, 22.9965, -49.4225

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.



95.5250, 43.6182, -83.7754



117.6460, -22.9965, 49.4225



94.6350, 19.8999, -82.9949

Square

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



117.6460, -22.9965, 49.4225



108.6940, -19.5691, -23.4106



96.9950, 34.0195, -85.0646



121.5550, 21.9114, 18.8073

Rectangle

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



117.6460, -22.9965, 49.4225



114.0920, -33.0764, 15.7053



96.9950, 34.0195, -85.0646



112.2750, 36.3464, -37.9522

Sweetspot

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



117.6460, -22.9965, 49.4225



204.7160, -9.2270, 19.5431



110.5750, 18.4505, 55.6237



100.9970, -5.4215, 12.2806



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.



117.6460, -22.9965, 49.4225



138.7930, -35.8869, 77.3575



146.9960, -37.4660, 23.6825



81.8650, -1.9054, 4.5034



67.7430, -33.3973, 72.1394



10.3990, -5.1267, 11.0511

Inverse Universe

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



127.3540, 22.9965, -49.4225



154.2070, 35.8869, -77.3575



98.0040, 37.4660, -23.6825



82.5480, 2.1948, -3.9886



82.2570, 33.3973, -72.1394



12.6010, 5.1267, -11.0511

Previews

White Background



This preview shows how the YUV color 117.6460, -22.9965, 49.4225 looks on a white background.

Color Contrast Check

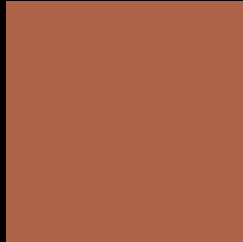
Large Text (above 18pt) WCAG AA ✓ Pass

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 117.6460, -22.9965, 49.4225 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 117.6460, -22.9965, 49.4225

Background



This preview shows how black text looks on a background with the YUV color 117.6460, -22.9965, 49.4225.



This preview shows how white text looks on a background with the YUV color 117.6460, -22.9965,

49.4225.

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

117.6460, -22.9965, 49.4225

Protanopia

117.4300, -18.9460, 10.1469

Deuteranopia

117.4380, -24.3729, 24.1719



Tritanopia

119.3160, -9.0298, 49.7119

Trichromacy



Original Color

117.6460, -22.9965, 49.4225

Protanomaly

117.1760, -20.2998, 24.4016

Deuteranomaly

117.9060, -24.1107, 33.4084

Tritanomaly

118.3500, -13.9765, 49.6821

Monochromacy



Original Color

117.6460, -22.9965, 49.4225

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

117.9330, -8.3480, 17.5988

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.6460, -22.9965, 49.4225 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(174, 98, 71)` looks like.

```
.text, #text, p{  
    color:rgb(174, 98, 71)  
}
```

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(174, 98, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 98, 71) }
```

Border

The CSS property to change the border of an element to YUV 117.6460, -22.9965, 49.4225 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(174, 98, 71) }
```


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

```
.border{ border-color:rgb(174, 98, 71) }
```

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

Here you see how a box with a 4 pixel rgb(174, 98, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 98, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 98, 71);  
box-shadow:4px 4px 4px 4px rgb(174, 98,  
71) }
```

Background

The CSS property to change the background color of an element to YUV 117.6460, -22.9965, 49.4225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 98, 71) }
```

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

```
.background{ background-color: rgb(174, 98,  
71) }
```

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