

Converting Colors

YUV(117.8550, -20.1415,
20.2982)

Have a look what the booklet for
YUV(117.8550, -20.1415, 20.2982)
contains.

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Color

**YUV(117.8550, -20.1415,
20.2982)**

Conversions

Conversions Part 1

Format	Color
Hex	8D724D
RGB	141, 114, 77
RGB Percent	55%, 45%, 30%
CMY	0.4471, 0.5529, 0.6980
CMYK	0.00, 0.19, 0.45, 0.45
HSL	35°, 29%, 43%
HSV	35°, 45%, 55%
XYZ	18.3414, 18.2332, 9.5738
YIQ	117.8550, 27.9690, -5.7830

Conversions

Conversions Part 2

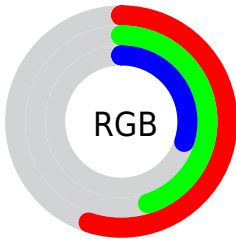
Format	Color
RYB	124, 141, 77
Decimal	9269837
CIELab	49.78, 5.41, 24.47
CIElCh	50, 25.066, 77.533
Yxy	18.2332, 0.3974, 0.3951
Android (android.graphics.Color)	4287459917 (0xFF8D724D)
YUV	117.8550, -20.1415, 20.2982
Hunter-Lab	42.7003, 1.9468, 16.5968

Details

The YUV color **117.8550, -20.1415, 20.2982** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **100.1450, 20.1415, -20.2982**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.4100, -21.8941, 22.4424**, and **69.0010, -18.2415, 17.5391** is the 20% darker color. If you saturate the color by 10%, you get **112.7370, -24.5203, 24.7867**, and if you desaturate by 10%, it is **122.9730, -15.7627, 15.8097**.

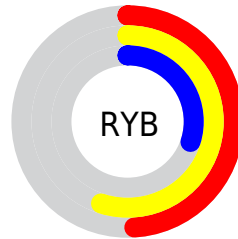
Distribution



Red (55%)

Green (45%)

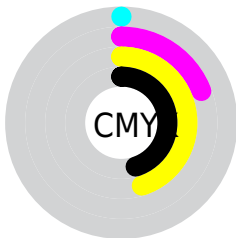
Blue (30%)



Red (49%)

Yellow (55%)

Blue (30%)

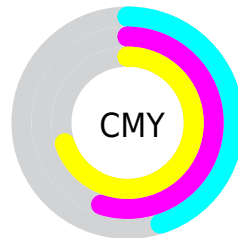


Cyan (0%)

Magenta (19%)

Yellow (45%)

Black (45%)



Cyan (45%)

Magenta (55%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.8550, -20.1415, 20.2982 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 117.8550, -20.1415, 20.2982 by changing the saturation by 10% instead.

■ 117.8550,
-20.1415, 20.2982

■ 117.8550,
-20.1415, 20.2982

■ 255.0000, 0.0000,
0.0000

■ 93.3710, -19.4099,
18.9686

■ 170.4100,
-21.8941, 22.4424

■ 69.0010, -18.2415,
17.5391

■ 197.7090,
-22.0415, 23.0572

■ 45.9900, -18.2361,
15.7948

■ 226.0790,
-23.2099, 24.4867

■ 26.3470, -12.9891,
12.8507

■ 246.0060,
-19.2300, 7.8877

■ 3.5880, -1.7689,
7.3773

■ 252.7200, -8.7360,
1.9996

■ 0.0000, 0.0000,
0.0000

■ 117.8550,
-20.1415, 20.2982

■ 117.8550,
-20.1415, 20.2982

■ 112.7370,
-24.5203, 24.7867

■ 122.9730,
-15.7627, 15.8097

■ 107.6190,
-28.8992, 29.2751

■ 128.0910,
-11.3839, 11.3212

■ 102.5010,
-33.2780, 33.7636

■ 133.2090, -7.0050,
6.8327

■ 97.3830, -37.6568,
38.2521

■ 138.3270, -2.6262,
2.3442

■ 92.1510, -42.4724,
42.8406

■ 143.5590, 2.1894,
-2.2442

■ 90.2930, -44.5144,
44.4700

■ 148.6770, 6.5682,
-6.7327

■ 153.7950, 10.9471,
-11.2212

■ 158.9130, 15.3259,

-15.7097

■ 164.0310, 19.7047,
-20.1982

Harmonies

Analogous

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



119.1860, -15.3747, 31.4089



117.8550, -20.1415, 20.2982



115.6850, -19.0717, 3.7843

Triad

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



117.8550, -20.1415, 20.2982



105.7810, 11.9400, -49.7969



121.7040, 12.4709, 13.4146

Complementary

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



117.8550, -20.1415, 20.2982



100.1450, 20.1415, -20.2982

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.



118.8090, 19.8142, -8.6025



117.8550, -20.1415, 20.2982



106.7730, 20.8179, -50.6669

Square

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



117.8550, -20.1415, 20.2982



109.2640, -0.6232, -33.5575



113.0510, 22.6529, -32.4937



121.3980, 3.2548, 29.4690

Rectangle

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



117.8550, -20.1415, 20.2982



114.3460, -14.9606, -8.1964



113.0510, 22.6529, -32.4937



120.7570, 15.4028, 6.3521

Sweetspot

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



117.8550, -20.1415, 20.2982



174.5790, -8.1734, 8.2622



99.3280, 2.7963, 36.5463



86.0670, -4.9630, 5.2032



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



117.8550, -20.1415, 20.2982



147.9460, -31.5254, 31.6194



132.5080, -27.3654, 3.9395



68.4410, -2.1894, 2.2442



86.1510, -42.4724, 42.8406



4.7400, -2.3368, 2.8590

Inverse Universe

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



100.1450, 20.1415, -20.2982



120.0540, 31.5254, -31.6194



85.4920, 27.3654, -3.9395



66.5590, 2.1894, -2.2442



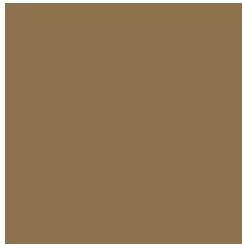
48.8490, 42.4724, -42.8406



2.6730, 2.6262, -2.3442

Previews

White Background



This preview shows how the YUV color 117.8550, -20.1415, 20.2982 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 117.8550, -20.1415, 20.2982 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 117.8550, -20.1415, 20.2982

Background



This preview shows how black text looks on a background with the YUV color 117.8550, -20.1415, 20.2982.



This preview shows how white text looks on a background with the YUV color 117.8550, -20.1415,

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

117.8550, -20.1415, 20.2982

Protanopia

117.4300, -18.9460, 10.1469

Deuteranopia

117.8660, -20.1469, 22.0425



Tritanopia

120.6760, -1.8123, 21.3321

Trichromacy



Original Color

117.8550, -20.1415, 20.2982

Protanomaly

117.3380, -19.3936, 13.7356

Deuteranomaly

117.5670, -19.9995, 21.4277

Tritanomaly

119.8410, -8.7956, 21.1874

Monochromacy



Original Color

117.8550, -20.1415, 20.2982

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

118.0950, -7.4418, 6.9327

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.8550, -20.1415, 20.2982 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(141, 114, 77)` looks like.

```
.text, #text, p{  
    color:rgb(141, 114, 77)  
}
```

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(141, 114, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 114, 77) }
```

Border

The CSS property to change the border of an element to YUV 117.8550, -20.1415, 20.2982 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(141, 114, 77) }
```


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

```
.border{ border-color:rgb(141, 114, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 114, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 114, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 114, 77);  
box-shadow:4px 4px 4px 4px rgb(141, 114,  
77) }
```

Background

The CSS property to change the background color of an element to YUV 117.8550, -20.1415, 20.2982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 114, 77) }
```

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

```
.background{ background-color: rgb(141,  
114, 77) }
```

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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