

Converting Colors

YUV(112.7450, -16.6363,
16.0096)

Have a look what the booklet for
YUV(112.7450, -16.6363, 16.0096)
contains.

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Color

**YUV(112.7450, -16.6363,
16.0096)**

Conversions

Conversions Part 1

Format	Color
Hex	836E4F
RGB	131, 110, 79
RGB Percent	51%, 43%, 31%
CMY	0.4863, 0.5686, 0.6902
CMYK	0.00, 0.16, 0.40, 0.49
HSL	36°, 25%, 41%
HSV	36°, 40%, 51%
XYZ	16.3473, 16.5417, 9.7284
YIQ	112.7450, 22.4670, -5.1890

Conversions

Conversions Part 2

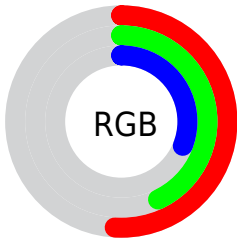
Format	Color
RYB	114, 131, 79
Decimal	8613455
CIELab	47.68, 3.59, 20.38
CIELCh	48, 20.691, 80.010
Yxy	16.5417, 0.3836, 0.3881
Android (android.graphics.Color)	4286803535 (0xFF836E4F)
YUV	112.7450, -16.6363, 16.0096
Hunter-Lab	40.6714, 0.5704, 14.2882

Details

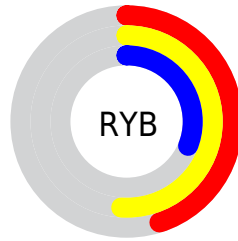
The YUV color **112.7450, -16.6363, 16.0096** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **97.2550, 16.6363, -16.0096**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.4140, -17.9521, 18.0539**, and **64.7770, -15.1731, 13.3506** is the 20% darker color. If you saturate the color by 10%, you get **108.3280, -20.8677, 19.8833**, and if you desaturate by 10%, it is **117.1620, -12.4049, 12.1359**.

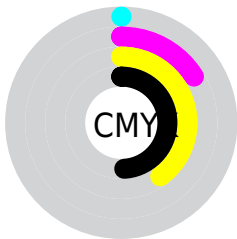
Distribution



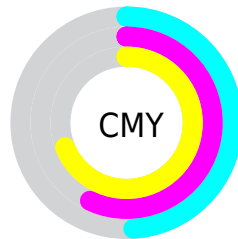
- Red (51%)
- Green (43%)
- Blue (31%)



- Red (45%)
- Yellow (51%)
- Blue (31%)



- Cyan (0%)
- Magenta (16%)
- Yellow (40%)
- Black (49%)



- Cyan (49%)
- Magenta (57%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.7450, -16.6363, 16.0096 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 112.7450, -16.6363, 16.0096 by changing the saturation by 10% instead.

■ 112.7450,
-16.6363, 16.0096

■ 112.7450,
-16.6363, 16.0096

■ 255.0000, 0.0000,
0.0000

■ 88.2610, -15.9047,
14.6801

■ 164.4140,
-17.9521, 18.0539

■ 64.7770, -15.1731,
13.3506

■ 191.7130,
-18.0995, 18.6687

■ 42.2930, -14.4414,
12.0210

■ 219.7840,
-19.1205, 19.4834

■ 22.4930, -11.0890,
10.0916

■ 243.8860,
-17.1988, 9.7470

■ 0.0000, 0.0000,
0.0000

■ 252.9480, -7.8624,
1.7996

■ 112.7450,
-16.6363, 16.0096

■ 112.7450,
-16.6363, 16.0096

■ 108.3280,
-20.8677, 19.8833

■ 117.1620,
-12.4049, 12.1359

■ 103.3240,
-24.8097, 24.2719

■ 122.1660, -8.4628,
7.7474

■ 98.9070, -29.0412,
28.1456

■ 126.5830, -4.2314,
3.8737

■ 94.4900, -33.2726,
32.0193

■ 131.0000, 0.0000,
0.0000

■ 90.0730, -37.5040,
35.8930

■ 135.5310, 4.6682,
-3.9737

■ 84.9550, -41.8828,
40.3815

■ 140.5350, 8.6102,
-8.3622

■ 144.9520, 12.8417,
-12.2359

■ 149.3690, 17.0731,

-16.1096

■ 154.3730, 21.0151,
-20.4981

Harmonies

Analogous

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



113.7230, -13.1744, 25.6759



112.7450, -16.6363, 16.0096



111.2980, -15.4299, 2.3697

Triad

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



112.7450, -16.6363, 16.0096



104.5760, 9.5760, -38.2162



116.0090, 9.8556, 12.2701

Complementary

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



112.7450, -16.6363, 16.0096



97.2550, 16.6363, -16.0096

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.



114.0930, 15.7302, -5.3436



112.7450, -16.6363, 16.0096



105.7100, 16.4120, -37.4567

Square

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



112.7450, -16.6363, 16.0096



105.8240, 0.0868, -27.9096



110.2540, 18.1158, -23.9018



116.0230, 1.9607, 24.5358

Rectangle

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



112.7450, -16.6363, 16.0096



109.5570, -11.6136, -8.3815



110.2540, 18.1158, -23.9018



115.5460, 12.0558, 6.5372

Sweetspot

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



112.7450, -16.6363, 16.0096



163.9100, -6.8576, 6.2179



97.0560, 1.9444, 29.7689



82.6970, -3.7946, 3.7737



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



112.7450, -16.6363, 16.0096



142.2810, -26.2675, 25.1866



123.8760, -22.1239, 2.7397



64.1420, -2.0420, 1.6295



84.6560, -41.7354, 39.7667



2.0710, -1.0210, 0.8147

Inverse Universe

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



97.2550, 16.6363, -16.0096



117.7190, 26.2675, -25.1866



86.1240, 22.1239, -2.7397



61.8580, 2.0420, -1.6295



45.9310, 41.4460, -40.2815



0.9290, 1.0210, -0.8147

Previews

White Background



This preview shows how the YUV color 112.7450, -16.6363, 16.0096 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 112.7450, -16.6363, 16.0096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

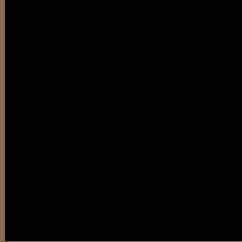
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 112.7450, -16.6363, 16.0096

Background



This preview shows how black text looks on a background with the YUV color 112.7450, -16.6363, 16.0096.



This preview shows how white text looks on a background with the YUV color 112.7450, -16.6363, 16.0096.

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

112.7450, -16.6363, 16.0096

Protanopia

111.9290, -15.7410, 8.8323

Deuteranopia

112.7670, -16.6471, 19.4983



Tritanopia

114.9960, -0.4910, 17.5435

Trichromacy



Original Color

112.7450, -16.6363, 16.0096

Protanomaly

112.2390, -15.8938, 11.1914

Deuteranomaly

113.0550, -16.7891, 18.3688

Tritanomaly

114.3890, -6.6008, 17.1988

Monochromacy



Original Color

112.7450, -16.6363, 16.0096

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

113.1380, -5.9840, 6.0180

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.7450, -16.6363, 16.0096 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(131, 110, 79)` looks like.

```
.text, #text, p{  
    color:rgb(131, 110, 79)  
}
```

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(131, 110, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 110, 79) }
```

Border

The CSS property to change the border of an element to YUV 112.7450, -16.6363, 16.0096 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(131, 110, 79) }
```


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

```
.border{ border-color:rgb(131, 110, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 110, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 110, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 110, 79);  
box-shadow:4px 4px 4px 4px rgb(131, 110,  
79) }
```

Background

The CSS property to change the background color of an element to YUV 112.7450, -16.6363, 16.0096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 110, 79) }
```

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

```
.background{ background-color: rgb(131,  
110, 79) }
```

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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