

Converting Colors

YUV(78.6800, -14.6322,
26.5906)

Have a look what the booklet for
YUV(78.6800, -14.6322, 26.5906)
contains.

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Color

**YUV(78.6800, -14.6322,
26.5906)**

Conversions

Conversions Part 1

Format	Color
Hex	6D4531
RGB	109, 69, 49
RGB Percent	43%, 27%, 19%
CMY	0.5725, 0.7294, 0.8078
CMYK	0.00, 0.37, 0.55, 0.57
HSL	20°, 38%, 31%
HSV	20°, 55%, 43%
XYZ	8.9892, 7.7292, 3.9238
YIQ	78.6800, 30.2600, 2.2600

Conversions

Conversions Part 2

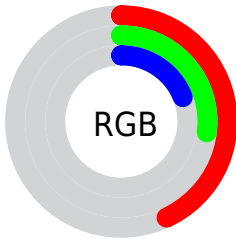
Format	Color
R_{YB}	109, 79, 49
Decimal	7161137
CIE Lab	33.41, 14.82, 19.13
CIE LCh	33, 24.201, 52.238
Yxy	7.7292, 0.4355, 0.3744
Android (android.graphics.Color)	4285351217 (0xFF6D4531)
YUV	78.6800, -14.6322, 26.5906
Hunter-Lab	27.8014, 9.0627, 11.0930




Details

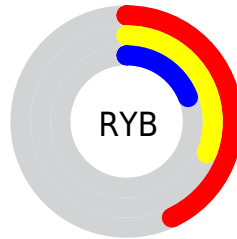
The YUV color **78.6800, -14.6322, 26.5906** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **79.3200, 14.6322, -26.5906**, and the grayscale version is **79.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **128.8330, -16.6797, 29.9645**, and **32.6580, -14.6214, 23.1019** is the 20% darker color. If you saturate the color by 10%, you get **73.3170, -17.4113, 31.2940**, and if you desaturate by 10%, it is **84.0430, -11.8532, 21.8873**.

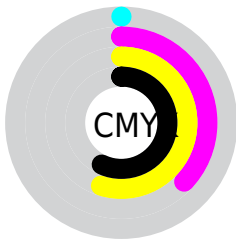
Distribution







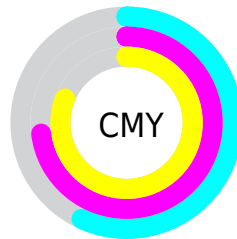
-  Red (43%)
-  Green (27%)
-  Blue (19%)






-  Red (43%)
-  Yellow (31%)
-  Blue (19%)



-  Cyan (0%)
-  Magenta (37%)
-  Yellow (55%)
-  Black (57%)



-  Cyan (57%)
-  Magenta (73%)
-  Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.6800, -14.6322, 26.5906 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 78.6800, -14.6322, 26.5906 by changing the saturation by 10% instead.

■ 78.6800, -14.6322,
26.5906

■ 78.6800, -14.6322,
26.5906

255.0000, 0.0000,
0.0000

■ 55.0110, -13.3164,
24.5464

■ 128.8330,
-16.6797, 29.9645

■ 32.6580, -14.6214,
23.1019

■ 154.7300,
-17.1219, 31.8088

■ 10.7640, -5.3067,
22.1320

■ 181.9150,
-17.7061, 32.5235

■ 0.0000, 0.0000,
0.0000

■ 209.5130,
-18.0009, 33.7531

■ 231.1200,
-15.3422, 20.9428

■ 251.3350,

-11.5042, 3.2142

■ 78.6800, -14.6322,
26.5906

■ 78.6800, -14.6322,
26.5906

■ 73.3170, -17.4113,
31.2940

■ 84.0430, -11.8532,
21.8873

■ 67.3670, -19.9009,
36.5121

■ 89.9930, -9.3635,
16.6691

■ 62.0040, -22.6800,
41.2155

■ 95.3560, -6.5845,
11.9658

■ 56.6410, -25.4590,
45.9188

■ 100.7190, -3.8055,
7.2624

■ 53.7230, -26.4854,
48.4779

■ 106.0820, -1.0264,
2.5591

■ 111.9180, 1.0264,
-2.5591

■ 117.2810, 3.8055,
-7.2624

■ 122.6440, 6.5845,
-11.9658

■ 128.0070, 9.3635,
-16.6691

Harmonies

Analogous

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



79.3630, -7.0810, 31.2536



78.6800, -14.6322, 26.5906



77.5770, -18.5255, 15.2800

Triad

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



78.6800, -14.6322, 26.5906



67.7520, 2.5873, -36.6165



78.8480, 17.3299, -5.1287

Complementary

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



78.6800, -14.6322, 26.5906



79.3200, 14.6322, -26.5906

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.



73.0190, 21.1896, -29.8347



78.6800, -14.6322, 26.5906



62.1440, 14.7190, -54.5003

Square

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



78.6800, -14.6322, 26.5906



72.7840, -9.2605, -16.4736



62.7940, 22.2866, -55.0703



80.8460, 10.4289, 15.0441

Rectangle

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



78.6800, -14.6322, 26.5906



76.3370, -17.9141, 5.8435



62.7940, 22.2866, -55.0703



77.8470, 18.8094, -13.0208

Sweetspot

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



78.6800, -14.6322, 26.5906



130.8720, -5.8529, 10.6363



71.5000, 8.6275, 32.8875



64.1210, -3.5107, 6.0329



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



78.6800, -14.6322, 26.5906



95.3030, -22.8274, 41.8303



96.2900, -23.3140, 11.1467



50.9680, -1.4632, 2.6591



57.8760, -28.5329, 51.8517



121.3890, -59.8448, 108.4068

Inverse Universe

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



79.3200, 14.6322, -26.5906



96.1100, 23.1168, -41.3155



61.7100, 23.3140, -11.1467



51.0320, 1.4632, -2.6591



59.1240, 28.5329, -51.8517



123.6110, 59.8448, -108.4068

Previews

White Background



This preview shows how the YUV color 78.6800, -14.6322, 26.5906 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 ✓ Pass

Black Background



This preview shows how the YUV color 78.6800, -14.6322, 26.5906 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

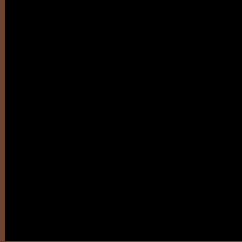
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.6800, -14.6322, 26.5906

Background



This preview shows how black text looks on a background with the YUV color 78.6800, -14.6322, 26.5906.

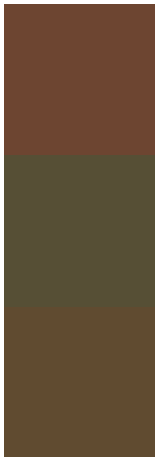


This preview shows how white text looks on a background with the YUV color 78.6800, -14.6322,

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

78.6800, -14.6322, 26.5906

Protanopia

78.1290, -12.3886, 6.9029

Deuteranopia

78.2010, -14.8891, 15.6097



Tritanopia

80.0250, -4.4493, 27.1651

Trichromacy



Original Color

78.6800, -14.6322, 26.5906

Protanomaly

78.0590, -12.8471, 13.9803

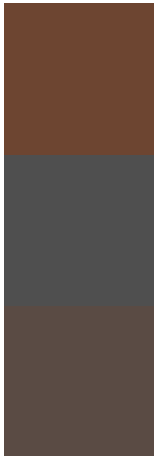
Deuteranomaly

78.5220, -15.0473, 19.7132

Tritanomaly

79.4010, -8.0857, 26.8353

Monochromacy



Original Color

78.6800, -14.6322, 26.5906

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

78.6870, -5.2687, 9.9215

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.6800, -14.6322, 26.5906 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(109, 69, 49)` looks like.

```
.text, #text, p{  
    color:rgb(109, 69, 49)  
}
```

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(109, 69, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 69, 49) }
```

Border

The CSS property to change the border of an element to YUV 78.6800, -14.6322, 26.5906 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(109, 69, 49) }
```


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

```
.border{ border-color:rgb(109, 69, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 69, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 69, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 69, 49);  
box-shadow:4px 4px 4px 4px rgb(109, 69,  
49) }
```

Background

The CSS property to change the background color of an element to YUV 78.6800, -14.6322, 26.5906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 69, 49) }
```

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

```
.background{ background-color: rgb(109, 69,  
49) }
```

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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