

Converting Colors

YUV(114.0900, -26.6664,
13.0761)

Have a look what the booklet for
YUV(114.0900, -26.6664, 13.0761)
contains.

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Color

**YUV(114.0900, -26.6664,
13.0761)**

Conversions

Conversions Part 1

Format	Color
Hex	81753C
RGB	129, 117, 60
RGB Percent	51%, 46%, 24%
CMY	0.4941, 0.5412, 0.7647
CMYK	0.00, 0.09, 0.53, 0.49
HSL	50°, 37%, 37%
HSV	50°, 53%, 51%
XYZ	16.2302, 17.7160, 6.8391
YIQ	114.0900, 25.4490, -15.1830

Conversions

Conversions Part 2

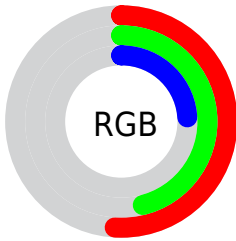
Format	Color
R_{YB}	75, 129, 60
Decimal	8484156
CIE Lab	49.15, -3.42, 32.83
CIE LCh	49, 33.004, 95.954
Yxy	17.7160, 0.3979, 0.4344
Android (android.graphics.Color)	4286674236 (0xFF81753C)
YUV	114.0900, -26.6664, 13.0761
Hunter-Lab	42.0903, -4.8279, 19.8295

Details

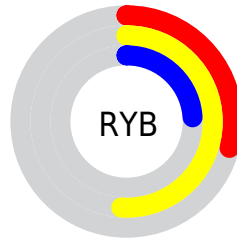
The YUV color **114.0900, -26.6664, 13.0761** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **74.9100, 26.6664, -13.0761**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.3460, -28.2716, 14.6056**, and **65.3070, -25.7874, 11.1318** is the 20% darker color. If you saturate the color by 10%, you get **111.4340, -31.7660, 15.4054**, and if you desaturate by 10%, it is **116.7460, -21.5668, 10.7468**.

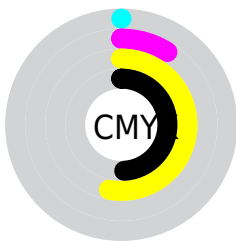
Distribution



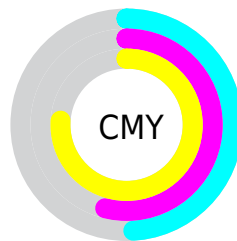
- Red (51%)
- Green (46%)
- Blue (24%)



- Red (29%)
- Yellow (51%)
- Blue (24%)



- Cyan (0%)
- Magenta (9%)
- Yellow (53%)
- Black (49%)



- Cyan (49%)
- Magenta (54%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.0900, -26.6664, 13.0761 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 114.0900, -26.6664, 13.0761 by changing the saturation by 10% instead.

■ 114.0900,
-26.6664, 13.0761

■ 114.0900,
-26.6664, 13.0761

■ 255.0000, 0.0000,
0.0000

■ 89.0190, -25.6454,
12.2613

■ 166.3460,
-28.2716, 14.6056

■ 65.3070, -25.7874,
11.1318

■ 193.8300,
-29.0032, 15.9351

■ 43.7350, -21.5614,
9.0024

■ 221.9010,
-30.0242, 16.7498

■ 24.2320, -11.9464,
5.0585

■ 246.1880,
-28.6867, 7.7281

■ 0.0000, 0.0000,
0.0000

■ 250.5540,
-17.0351, 3.8991

■ 253.8600, -4.3680,

0.9998

■ 114.0900,
-26.6664, 13.0761

■ 114.0900,
-26.6664, 13.0761

■ 111.4340,
-31.7660, 15.4054

■ 116.7460,
-21.5668, 10.7468

■ 108.7780,
-36.8656, 17.7347

■ 119.4020,
-16.4672, 8.4174

■ 105.5350,
-41.6758, 20.5788

■ 122.6450,
-11.6570, 5.5733

■ 102.8790,
-46.7753, 22.9081

■ 125.3010, -6.5574,
3.2440

■ 101.3800,
-49.9803, 24.2227

■ 127.9570, -1.4578,
0.9147

■ 130.4990, 3.2050,
-1.3146

■ 133.7420, 8.0152,
-4.1587

■ 136.3980, 13.1148,
-6.4880

■ 139.0540, 18.2144,
-8.8174

Harmonies

Analogous

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



116.0800, -24.6894, 32.3788



114.0900, -26.6664, 13.0761



110.9560, -20.1913, -10.4854

Triad

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



114.0900, -26.6664, 13.0761



93.2960, 27.4621, -81.8206



120.1300, 9.7959, 31.4580

Complementary

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



114.0900, -26.6664, 13.0761



74.9100, 26.6664, -13.0761

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.



119.2500, 21.0757, 6.7968



114.0900, -26.6664, 13.0761



95.3920, 35.3027, -76.6428

Square

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



114.0900, -26.6664, 13.0761



90.8050, 15.3791, -79.6360



113.6910, 28.7463, -26.9160



118.7760, -3.3406, 44.9234

Rectangle

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



114.0900, -26.6664, 13.0761



107.4360, -11.5539, -27.5694



113.6910, 28.7463, -26.9160



120.4110, 13.6014, 24.1956

Sweetspot

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



114.0900, -26.6664, 13.0761



162.5740, -10.6360, 4.7586



82.1130, -4.4927, 41.1199



80.4150, -6.1206, 3.1440



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



114.0900, -26.6664, 13.0761



145.2360, -41.5283, 19.9640



114.5560, -26.8961, -6.6266



62.6150, -2.7682, 1.2146



99.9070, -49.2542, 24.6376



0.0000, 0.0000, 0.0000

Inverse Universe

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



74.9100, 26.6664, -13.0761



83.7640, 41.5283, -19.9640



74.4440, 26.8961, 6.6266



58.3850, 2.7682, -1.2146



27.5060, 49.5435, -24.1228



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 114.0900, -26.6664, 13.0761 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 114.0900, -26.6664, 13.0761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

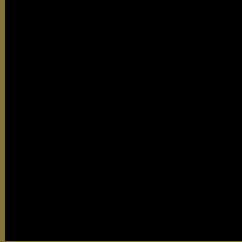
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 114.0900, -26.6664, 13.0761

Background



This preview shows how black text looks on a background with the YUV color 114.0900, -26.6664, 13.0761.



This preview shows how white text looks on a background with the YUV color 114.0900, -26.6664, 13.0761.

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

114.0900, -26.6664, 13.0761

Protanopia

114.0900, -26.6664, 13.0761

Deuteranopia

114.8680, -26.5569, 24.6718



Tritanopia

118.5010, 0.2460, 14.4696

Trichromacy



Original Color

114.0900, -26.6664, 13.0761

Protanomaly

114.0900, -26.6664, 13.0761

Deuteranomaly

114.5470, -26.3987, 20.5683

Tritanomaly

117.2700, -9.5001, 13.7952

Monochromacy



Original Color

114.0900, -26.6664, 13.0761

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.8020, -9.7624, 4.5586

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.0900, -26.6664, 13.0761 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(129, 117, 60)` looks like.

```
.text, #text, p{  
    color:rgb(129, 117, 60)  
}
```

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(129, 117, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 117, 60) }
```

Border

The CSS property to change the border of an element to YUV 114.0900, -26.6664, 13.0761 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(129, 117, 60) }
```


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

```
.border{ border-color:rgb(129, 117, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 117, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 117, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 117, 60);  
box-shadow:4px 4px 4px 4px rgb(129, 117,  
60) }
```

Background

The CSS property to change the background color of an element to YUV 114.0900, -26.6664, 13.0761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 117, 60) }
```

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

```
.background{ background-color: rgb(129,  
117, 60) }
```

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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