

Converting Colors

YUV(113.1380, -26.1970,
2.5100)

Have a look what the booklet for
YUV(113.1380, -26.1970, 2.5100)
contains.

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Color

**YUV(113.1380, -26.1970,
2.5100)**

Conversions

Conversions Part 1

Format	Color
Hex	747A3C
RGB	116, 122, 60
RGB Percent	45%, 48%, 24%
CMY	0.5451, 0.5216, 0.7647
CMYK	0.05, 0.00, 0.51, 0.52
HSL	66°, 34%, 36%
HSV	66°, 51%, 48%
XYZ	14.9776, 17.9583, 6.9519
YIQ	113.1380, 16.3260, -20.5540

Conversions

Conversions Part 2

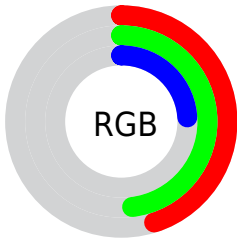
Format	Color
RYB	60, 122, 66
Decimal	7633468
CIELab	49.45, -12.03, 32.90
CIELCh	49, 35.030, 110.078
Yxy	17.9583, 0.3755, 0.4502
Android (android.graphics.Color)	4285823548 (0xFF747A3C)
YUV	113.1380, -26.1970, 2.5100
Hunter-Lab	42.3773, -11.0720, 19.9377

Details

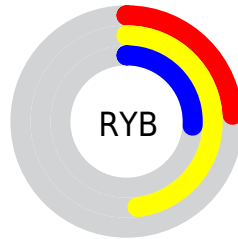
The YUV color **113.1380, -26.1970, 2.5100** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **68.8620, 26.1970, -2.5100**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.0950, -27.6548, 3.4247**, and **64.0670, -25.1760, 1.6952** is the 20% darker color. If you saturate the color by 10%, you get **111.4710, -31.2912, 3.0949**, and if you desaturate by 10%, it is **114.8050, -21.1029, 1.9250**.

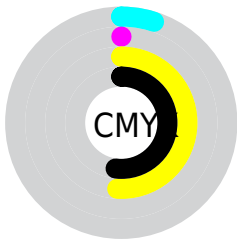
Distribution



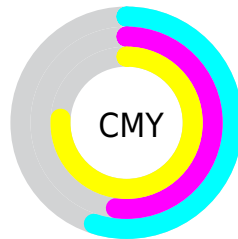
- Red (45%)
- Green (48%)
- Blue (24%)



- Red (24%)
- Yellow (48%)
- Blue (26%)



- Cyan (5%)
- Magenta (0%)
- Yellow (51%)
- Black (52%)



- Cyan (55%)
- Magenta (52%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.1380, -26.1970, 2.5100 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 113.1380, -26.1970, 2.5100 by changing the saturation by 10% instead.

■ 113.1380,
-26.1970, 2.5100

■ 113.1380,
-26.1970, 2.5100

■ 255.0000, 0.0000,
0.0000

■ 88.3660, -25.3234,
2.3100

■ 165.0950,
-27.6548, 3.4247

■ 64.0670, -25.1760,
1.6952

■ 192.8670,
-28.5284, 3.6246

■ 42.7940, -21.0974,
0.1807

■ 220.6390,
-29.4020, 3.8246

■ 23.2910, -11.4825,
-3.7632

■ 247.1770,
-28.6813, 5.9838

■ 0.0000, 0.0000,
0.0000

■ 250.6680,
-16.5983, 3.7992

■ 253.8600, -4.3680,

0.9998

■ 113.1380,
-26.1970, 2.5100

■ 113.1380,
-26.1970, 2.5100

■ 111.4710,
-31.2912, 3.0949

■ 114.8050,
-21.1029, 1.9250

■ 109.8040,
-36.3854, 3.6799

■ 116.4720,
-16.0087, 1.3401

■ 107.7240,
-41.7689, 3.7501

■ 118.5520,
-10.6251, 1.2699

■ 106.0570,
-46.8631, 4.3350

■ 120.2190, -5.5310,
0.6849

■ 104.5040,
-51.5205, 4.8200

■ 121.8860, -0.4368,
0.1000

■ 123.5530, 4.6574,
-0.4850

■ 125.2200, 9.7515,
-1.0699

■ 127.0010, 15.2825,
-1.7549

■ 128.9670, 20.2293,
-1.7251

Harmonies

Analogous

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



115.4120, -28.3041, 25.0717



113.1380, -26.1970, 2.5100



109.1330, -15.3486, -23.7956

Triad

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



113.1380, -26.1970, 2.5100



94.7780, 33.1404, -83.1203



120.1160, 4.3798, 41.9943

Complementary

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



113.1380, -26.1970, 2.5100



68.8620, 26.1970, -2.5100

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.



121.0130, 17.2486, 21.0366



113.1380, -26.1970, 2.5100



106.0080, 34.5061, -54.3810

Square

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



113.1380, -26.1970, 2.5100



93.6890, 21.3523, -82.1653



118.0350, 27.0977, -11.4317



118.4900, -9.6086, 48.6823

Rectangle

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



113.1380, -26.1970, 2.5100



103.6880, -3.7902, -44.4534



118.0350, 27.0977, -11.4317



120.5220, 8.6167, 36.3762

Sweetspot

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



113.1380, -26.1970, 2.5100



154.6660, -10.1883, 1.1699



81.4730, -10.5862, 35.5422



77.1050, -5.9678, 0.7849



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



113.1380, -26.1970, 2.5100



144.3650, -40.6059, 4.0649



104.1680, -21.7748, -15.9333



60.3160, -2.6208, 0.5999



107.1620, -52.8309, 5.1199



216.0960, -106.5353, 10.4398

Inverse Universe

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



68.8620, 26.1970, -2.5100



75.6350, 40.6059, -4.0649



77.8320, 21.7748, 15.9333



55.9830, 2.4734, 0.0149



17.8380, 52.8309, -5.1199



35.9040, 106.5353, -10.4398

Previews

White Background



This preview shows how the YUV color 113.1380, -26.1970, 2.5100 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 113.1380, -26.1970, 2.5100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

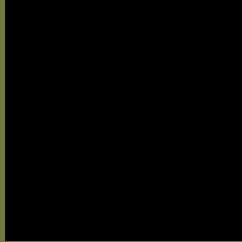
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 113.1380, -26.1970, 2.5100

Background



This preview shows how black text looks on a background with the YUV color 113.1380, -26.1970, 2.5100.



This preview shows how white text looks on a background with the YUV color 113.1380, -26.1970,

2.5100.

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

113.1380, -26.1970, 2.5100

Protanopia

114.8620, -27.5400, 13.2760

Deuteranopia

115.9820, -26.1201, 24.5718



Tritanopia

118.4180, 2.7519, 4.0184

Trichromacy



Original Color

113.1380, -26.1970, 2.5100

Protanomaly

113.9540, -27.0923, 9.6873

Deuteranomaly

115.2260, -26.2404, 16.4648

Tritanomaly

116.6600, -7.7204, 2.9292

Monochromacy



Original Color

113.1380, -26.1970, 2.5100

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

112.8940, -9.3147, 0.9700

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.1380, -26.1970, 2.5100 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(116, 122, 60)` looks like.

```
.text, #text, p{  
    color:rgb(116, 122, 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(116, 122, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 122, 60) }
```

Border

The CSS property to change the border of an element to YUV 113.1380, -26.1970, 2.5100 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(116, 122, 60) }
```


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

```
.border{ border-color:rgb(116, 122, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 122, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 122, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 122, 60);  
box-shadow:4px 4px 4px 4px rgb(116, 122,  
60) }
```

Background

The CSS property to change the background color of an element to YUV 113.1380, -26.1970, 2.5100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 122, 60) }
```

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

```
.background{ background-color: rgb(116,  
122, 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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