

Converting Colors

YUV(128.7470, -13.1863,
-17.3181)

Have a look what the booklet for
YUV(128.7470, -13.1863, -17.3181)
contains.

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Color

**YUV(128.7470, -13.1863,
-17.3181)**

Conversions

Conversions Part 1

Format	Color
Hex	6D9066
RGB	109, 144, 102
RGB Percent	43%, 56%, 40%
CMY	0.5725, 0.4353, 0.6000
CMYK	0.24, 0.00, 0.29, 0.44
HSL	110°, 17%, 48%
HSV	110°, 29%, 56%
XYZ	18.6782, 24.1570, 16.2487
YIQ	128.7470, -7.3780, -20.4820

Conversions

Conversions Part 2

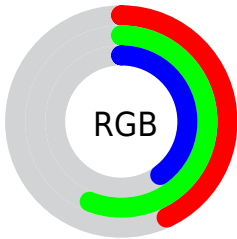
Format	Color
RYB	102, 144, 137
Decimal	7180390
CIELab	56.24, -20.71, 18.48
CIElCh	56, 27.750, 138.257
Yxy	24.1570, 0.3161, 0.4089
Android (android.graphics.Color)	4285370470 (0xFF6D9066)
YUV	128.7470, -13.1863, -17.3181
Hunter-Lab	49.1498, -18.1775, 14.8039

Details

The YUV color **128.7470, -13.1863, -17.3181** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **117.2530, 13.1863, 17.3181**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.8070, -14.2019, -18.2477**, and **78.8010, -11.7339, -16.4885** is the 20% darker color. If you saturate the color by 10%, you get **123.5630, -17.5326, -23.2958**, and if you desaturate by 10%, it is **133.9310, -8.8400, -11.3405**.

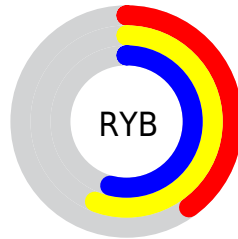
Distribution



Red (43%)

Green (56%)

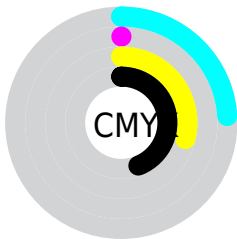
Blue (40%)



Red (40%)

Yellow (56%)

Blue (54%)

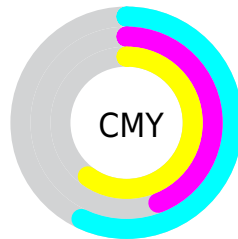


Cyan (24%)

Magenta (0%)

Yellow (29%)

Black (44%)



Cyan (57%)

Magenta (44%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.7470, -13.1863, -17.3181 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 128.7470, -13.1863, -17.3181 by changing the saturation by 10% instead.

■ 128.7470,
-13.1863, -17.3181

■ 128.7470,
-13.1863, -17.3181

■ 255.0000, 0.0000,
0.0000

■ 103.2740,
-12.4601, -16.9033

■ 181.8070,
-14.2019, -18.2477

■ 78.8010, -11.7339,
-16.4885

■ 209.6930,
-14.6386, -18.1478

■ 55.9150, -11.2971,
-16.5885

■ 238.2800,
-14.9280, -18.6626

■ 33.0290, -10.8603,
-16.6884

■ 249.8440, -6.8251,
-4.2482

■ 16.4360, -8.1029,
-14.4144

■ 0.0000, 0.0000,
0.0000

■ 128.7470,
-13.1863, -17.3181

■ 128.7470,
-13.1863, -17.3181

■ 123.5630,
-17.5326, -23.2958

■ 133.9310, -8.8400,
-11.3405

■ 118.2650,
-22.3156, -29.1734

■ 139.2290, -4.0569,
-5.4628

■ 113.0810,
-26.6619, -35.1510

■ 144.4130, 0.2894,
0.5148

■ 107.7830,
-31.4450, -41.0287

■ 149.7110, 5.0725,
6.3925

■ 102.5990,
-35.7913, -47.0063

■ 154.8950, 9.4188,
12.3701

■ 97.4150, -40.1376,
-52.9840

■ 160.0790, 13.7651,
18.3477

■ 92.1170, -44.9207,
-58.8616

■ 165.3770, 18.5481,
24.2254

■ 91.7040, -45.2101,

■ 170.5610, 22.8944,

-59.3764

30.2030

■ 175.8590, 27.6775,
36.0807

Harmonies

Analogous

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



131.7020, -21.5451, 3.7693



128.7470, -13.1863, -17.3181



124.3450, -0.1701, -38.8906

Triad

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



128.7470, -13.1863, -17.3181



128.9410, 26.1581, -36.7823



137.1900, -7.9817, 40.1754

Complementary

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



128.7470, -13.1863, -17.3181



117.2530, 13.1863, 17.3181

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.



138.4200, 3.2439, 32.9577



128.7470, -13.1863, -17.3181



135.3790, 21.9982, -9.1024

Square

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



128.7470, -13.1863, -17.3181



121.2390, 24.0392, -57.2146



138.4700, 14.0653, 15.3738



135.9370, -17.7169, 36.0123

Rectangle

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



128.7470, -13.1863, -17.3181



121.4880, 9.6194, -52.1710



138.4700, 14.0653, 15.3738



137.8030, -4.3399, 38.7608

Sweetspot

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



128.7470, -13.1863, -17.3181



179.8760, -5.3619, -6.9073



135.1030, -16.3198, 7.8027



90.4680, -3.1887, -3.9184



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



128.7470, -13.1863, -17.3181



162.4440, -20.4319, -26.6994



128.2500, -6.0392, -23.0212



68.4080, -2.1731, -2.9888



86.1220, -42.4581, -55.3580



4.9950, -2.4625, -3.5036

Inverse Universe

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



117.2530, 13.1863, 17.3181



144.5560, 20.4319, 26.6994



117.7500, 6.0393, 23.0212



66.5920, 2.1731, 2.9888



49.1770, 42.3107, 55.9728



2.7060, 2.6099, 2.8888

Previews

White Background



This preview shows how the YUV color 128.7470, -13.1863, -17.3181 looks on a white 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

Black Background



This preview shows how the YUV color 128.7470, -13.1863, -17.3181 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 128.7470, -13.1863, -17.3181 Background



This preview shows how black text looks on a background with the YUV color 128.7470, -13.1863, -17.3181.



This preview shows how white text looks on a background with the YUV color 128.7470, -13.1863, -17.3181.

-17.3181.

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

128.7470, -13.1863, -17.3181

Protanopia

133.1850, -17.3462, 10.3618

Deuteranopia

134.6360, -14.6105, 19.6132



Tritanopia

132.9750, 7.9003, -14.0101

Trichromacy



Original Color

128.7470, -13.1863, -17.3181

Protanomaly

131.7600, -16.1507, 0.2105

Deuteranomaly

132.3740, -13.9884, 6.6880

Tritanomaly

131.3140, 0.3382, -15.1844

Monochromacy



Original Color

128.7470, -13.1863, -17.3181

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

128.7020, -4.7831, -5.8777

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.7470, -13.1863, -17.3181 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, 144, 102)` looks like.

```
.text, #text, p{  
    color:rgb(109, 144, 102)  
}
```

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, 144, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 144, 102) }
```

Border

The CSS property to change the border of an element to YUV 128.7470, -13.1863, -17.3181 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, 144, 102) }
```


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

```
.border{ border-color:rgb(109, 144, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 144, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 144, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 144, 102);  
box-shadow:4px 4px 4px 4px rgb(109, 144,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 128.7470, -13.1863, -17.3181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 144, 102) }
```

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

```
.background{ background-color: rgb(109,  
144, 102) }
```

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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