

Converting Colors

YUV(116.8530, -17.1825,
4.5139)

Have a look what the booklet for
YUV(116.8530, -17.1825, 4.5139)
contains.

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Color

**YUV(116.8530, -17.1825,
4.5139)**

Conversions

Conversions Part 1

Format	Color
Hex	7A7952
RGB	122, 121, 82
RGB Percent	48%, 47%, 32%
CMY	0.5216, 0.5255, 0.6784
CMYK	0.00, 0.01, 0.33, 0.52
HSL	58°, 20%, 40%
HSV	58°, 33%, 48%
XYZ	16.3864, 18.4215, 10.6747
YIQ	116.8530, 13.1150, -11.9170

Conversions

Conversions Part 2

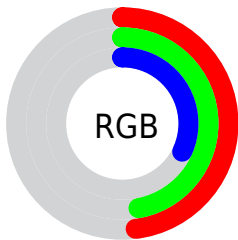
Format	Color
R_{YB}	83, 122, 82
Decimal	8026450
CIE _{Lab}	50.00, -6.22, 21.58
CIE _{LCh}	50, 22.456, 106.069
Yxy	18.4215, 0.3603, 0.4050
Android (android.graphics.Color)	4286216530 (0xFF7A7952)
YUV	116.8530, -17.1825, 4.5139
Hunter-Lab	42.9203, -6.9616, 15.2982

Details

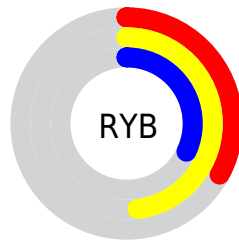
The YUV color **116.8530, -17.1825, 4.5139** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **87.1470, 17.1825, -4.5139**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.9240, -18.2035, 5.3287**, and **68.4830, -16.0141, 3.0844** is the 20% darker color. If you saturate the color by 10%, you get **115.4850, -22.4241, 5.7137**, and if you desaturate by 10%, it is **118.2210, -11.9410, 3.3142**.

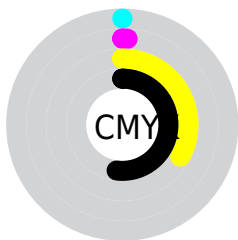
Distribution



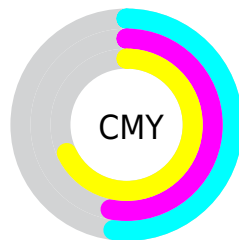
- Red (48%)
- Green (47%)
- Blue (32%)



- Red (33%)
- Yellow (48%)
- Blue (32%)



- Cyan (0%)
- Magenta (1%)
- Yellow (33%)
- Black (52%)



- Cyan (52%)
- Magenta (53%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.8530, -17.1825, 4.5139 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 116.8530, -17.1825, 4.5139 by changing the saturation by 10% instead.

■ 116.8530,
-17.1825, 4.5139

■ 116.8530,
-17.1825, 4.5139

■ 255.0000, 0.0000,
0.0000

■ 92.0810, -16.3089,
4.3140

■ 168.9240,
-18.2035, 5.3287

■ 68.4830, -16.0141,
3.0844

■ 196.6960,
-19.0771, 5.5286

■ 45.7110, -15.1405,
2.8845

■ 224.5820,
-19.5139, 5.6286

■ 25.3950, -12.5197,
2.2846

■ 250.2120,
-18.3455, 4.1991

■ 0.0000, 0.0000,
0.0000

■ 253.4040, -6.1152,
1.3997

■ 116.8530,
-17.1825, 4.5139

■ 116.8530,
-17.1825, 4.5139

■ 115.4850,
-22.4241, 5.7137

■ 118.2210,
-11.9410, 3.3142

■ 113.5300,
-27.3763, 7.4282

■ 120.1760, -6.9888,
1.5996

■ 112.0480,
-33.0547, 8.7279

■ 121.6580, -1.3104,
0.2999

■ 110.6800,
-38.2962, 9.9276

■ 123.0260, 3.9312,
-0.8998

■ 108.7250,
-43.2484, 11.6422

■ 124.9810, 8.8834,
-2.6143

■ 107.3570,
-48.4900, 12.8419

■ 126.3490, 14.1249,
-3.8141

■ 106.3310,
-52.4212, 13.7417

■ 127.7170, 19.3665,
-5.0138

■ 129.1990, 25.0449,

-6.3135

■ 131.1540, 29.9971,
-8.0281

Harmonies

Analogous

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



119.0120, -18.2469, 19.2835



116.8530, -17.1825, 4.5139



114.3500, -11.0185, -12.5849

Triad

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



116.8530, -17.1825, 4.5139



110.0190, 17.7386, -42.9897



122.0770, 3.4130, 25.3655

Complementary

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



116.8530, -17.1825, 4.5139



87.1470, 17.1825, -4.5139

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.



121.8670, 11.8976, 10.6406



116.8530, -17.1825, 4.5139



114.2040, 20.6054, -29.1199

Square

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



116.8530, -17.1825, 4.5139



109.2550, 9.7343, -42.3196



118.9400, 17.7776, -8.7174



121.0040, -5.9180, 31.5685

Rectangle

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



116.8530, -17.1825, 4.5139



112.5920, -4.7289, -23.3212



118.9400, 17.7776, -8.7174



122.1520, 6.3341, 21.7917

Sweetspot

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



116.8530, -17.1825, 4.5139



156.1760, -6.9888, 1.5996



94.0740, -5.4595, 24.4911



77.9740, -3.9312, 0.8998



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.



116.8530, -17.1825, 4.5139



150.3450, -26.7921, 6.7134



111.7590, -14.6712, -7.6816



60.3160, -2.6208, 0.5999



108.9890, -53.7316, 14.0416



219.7500, -108.3367, 28.2832

Inverse Universe

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



87.1470, 17.1825, -4.5139



104.2420, 26.5027, -7.2282



92.2410, 14.6712, 7.6816



55.6840, 2.6208, -0.5999



16.0110, 53.7316, -14.0416



32.2500, 108.3367, -28.2832

Previews

White Background



This preview shows how the YUV color 116.8530, -17.1825, 4.5139 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 116.8530, -17.1825, 4.5139 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 116.8530, -17.1825, 4.5139

Background



This preview shows how black text looks on a background with the YUV color 116.8530, -17.1825, 4.5139.



This preview shows how white text looks on a background with the YUV color 116.8530, -17.1825,

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

116.8530, -17.1825, 4.5139

Protanopia

117.6580, -18.0724, 9.9469

Deuteranopia

118.9520, -17.2313, 20.2131



Tritanopia

120.3150, 2.3097, 5.8627

Trichromacy



Original Color

116.8530, -17.1825, 4.5139

Protanomaly

117.3480, -17.9196, 7.5878

Deuteranomaly

118.5060, -17.5045, 14.4652

Tritanomaly

119.0670, -4.9630, 5.2032

Monochromacy



Original Color

116.8530, -17.1825, 4.5139

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

116.7030, -6.2626, 2.0145

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.8530, -17.1825, 4.5139 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(122, 121, 82)` looks like.

```
.text, #text, p{  
    color:rgb(122, 121, 82)  
}
```

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(122, 121, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 121, 82) }
```

Border

The CSS property to change the border of an element to YUV 116.8530, -17.1825, 4.5139 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(122, 121, 82) }
```


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

```
.border{ border-color:rgb(122, 121, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 121, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 121, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 121, 82);  
box-shadow:4px 4px 4px 4px rgb(122, 121,  
82) }
```

Background

The CSS property to change the background color of an element to YUV 116.8530, -17.1825, 4.5139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 121, 82) }
```

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

```
.background{ background-color: rgb(122,  
121, 82) }
```

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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