

Converting Colors

YUV(112.8470, -14.7146,
6.2732)

Have a look what the booklet for
YUV(112.8470, -14.7146, 6.2732)
contains.

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Color

**YUV(112.8470, -14.7146,
6.2732)**

Conversions

Conversions Part 1

Format	Color
Hex	787353
RGB	120, 115, 83
RGB Percent	47%, 45%, 33%
CMY	0.5294, 0.5490, 0.6745
CMYK	0.00, 0.04, 0.31, 0.53
HSL	52°, 18%, 40%
HSV	52°, 31%, 47%
XYZ	15.4378, 16.8791, 10.6279
YIQ	112.8470, 13.2520, -8.8920

Conversions

Conversions Part 2

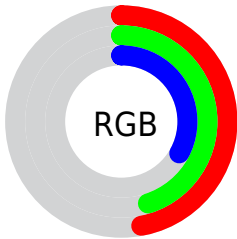
Format	Color
R_{YB}	89, 120, 83
Decimal	7893843
CIE _{Lab}	48.11, -3.52, 18.44
CIE _{LCh}	48, 18.777, 100.804
Yxy	16.8791, 0.3595, 0.3930
Android (android.graphics.Color)	4286083923 (0xFF787353)
YUV	112.8470, -14.7146, 6.2732
Hunter-Lab	41.0841, -4.8240, 13.4213

Details

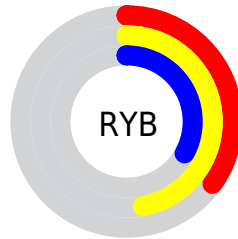
The YUV color **112.8470, -14.7146, 6.2732** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **90.1530, 14.7146, -6.2732**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.9180, -15.7356, 7.0879**, and **64.8900, -13.2568, 5.3585** is the 20% darker color. If you saturate the color by 10%, you get **110.3050, -19.3774, 8.5025**, and if you desaturate by 10%, it is **115.3890, -10.0518, 4.0438**.

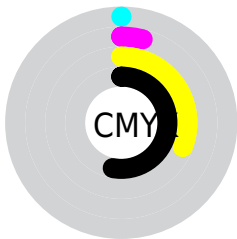
Distribution



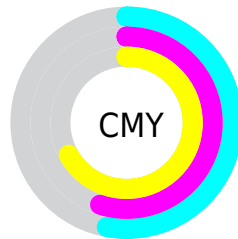
- Red (47%)
- Green (45%)
- Blue (33%)



- Red (35%)
- Yellow (47%)
- Blue (33%)



- Cyan (0%)
- Magenta (4%)
- Yellow (31%)
- Black (53%)



- Cyan (53%)
- Magenta (55%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.8470, -14.7146, 6.2732 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 112.8470, -14.7146, 6.2732 by changing the saturation by 10% instead.

■ 112.8470,
-14.7146, 6.2732

■ 112.8470,
-14.7146, 6.2732

■ 255.0000, 0.0000,
0.0000

■ 88.6620, -14.1304,
5.5584

■ 164.9180,
-15.7356, 7.0879

■ 64.8900, -13.2568,
5.3585

■ 191.8040,
-16.1724, 7.1879

■ 42.7050, -12.6726,
4.6437

■ 219.9890,
-16.7566, 7.9026

■ 22.1610, -10.9254,
4.2438

■ 247.3910,
-16.4618, 6.6731

■ 0.0000, 0.0000,
0.0000

■ 253.5180, -5.6784,
1.2997

■ 112.8470,
-14.7146, 6.2732

■ 112.8470,
-14.7146, 6.2732

■ 110.3050,
-19.3774, 8.5025

■ 115.3890,
-10.0518, 4.0438

■ 108.3500,
-24.3295, 10.2171

■ 117.3440, -5.0996,
2.3293

■ 105.8080,
-28.9923, 12.4464

■ 119.8860, -0.4368,
0.1000

■ 103.8530,
-33.9445, 14.1609

■ 121.8410, 4.5154,
-1.6146

■ 101.3110,
-38.6073, 16.3903

■ 124.3830, 9.1782,
-3.8439

■ 98.7690, -43.2701,
18.6196

■ 126.9250, 13.8410,
-6.0732

■ 96.9280, -47.7855,
20.2341

■ 128.8800, 18.7932,
-7.7878

■ 131.4220, 23.4560,

-10.0171

■ 133.9640, 28.1187,
-12.2464

Harmonies

Analogous

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



114.6250, -14.6051, 17.8689



112.8470, -14.7146, 6.2732



110.6110, -10.1612, -7.5518

Triad

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



112.8470, -14.7146, 6.2732



107.2220, 13.2016, -34.3977



116.8590, 4.0135, 19.4177

Complementary

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



112.8470, -14.7146, 6.2732



90.1530, 14.7146, -6.2732

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.



116.2040, 10.7454, 6.8371



112.8470, -14.7146, 6.2732



110.4880, 16.5214, -25.8610

Square

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



112.8470, -14.7146, 6.2732



107.1100, 6.3548, -31.6685



114.2450, 15.1622, -9.8619



116.5410, -3.7177, 25.8355

Rectangle

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



112.8470, -14.7146, 6.2732



109.6960, -5.7661, -17.2734



114.2450, 15.1622, -9.8619



116.8200, 6.4977, 15.9439

Sweetspot

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



112.8470, -14.7146, 6.2732



153.2300, -5.5364, 2.4293



94.7470, -2.8333, 22.1469



77.3870, -3.6418, 1.4146



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.



112.8470, -14.7146, 6.2732



144.6920, -23.0192, 9.9171



111.8950, -14.2452, -4.2929



59.7290, -2.3314, 1.1147



100.7710, -49.6801, 21.2488



203.3140, -100.2338, 42.6976

Inverse Universe

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



90.1530, 14.7146, -6.2732



109.3080, 23.0192, -9.9171



91.1050, 14.2452, 4.2929



56.2710, 2.3314, -1.1147



24.2290, 49.6801, -21.2488



48.6860, 100.2338, -42.6976

Previews

White Background



This preview shows how the YUV color 112.8470, -14.7146, 6.2732 looks on a white background.

Color Contrast Check

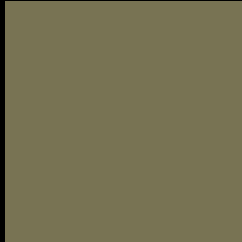
Large Text (above 18pt) WCAG AA ✓ Pass

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 112.8470, -14.7146, 6.2732 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

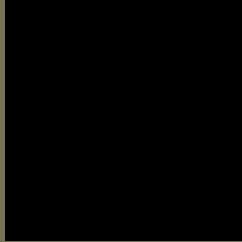
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 112.8470, -14.7146, 6.2732

Background



This preview shows how black text looks on a background with the YUV color 112.8470, -14.7146, 6.2732.



This preview shows how white text looks on a background with the YUV color 112.8470, -14.7146, 6.2732.

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

112.8470, -14.7146, 6.2732

Protanopia

113.1570, -14.8674, 8.6323

Deuteranopia

113.9240, -14.7525, 18.4837



Tritanopia

115.2120, 1.8675, 7.7071

Trichromacy



Original Color

112.8470, -14.7146, 6.2732

Protanomaly

112.8580, -14.7200, 8.0175

Deuteranomaly

113.6030, -14.5943, 14.3802

Tritanomaly

114.6050, -4.2423, 7.3624

Monochromacy



Original Color

112.8470, -14.7146, 6.2732

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

113.2300, -5.5364, 2.4293

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.8470, -14.7146, 6.2732 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(120, 115, 83)` looks like.

```
.text, #text, p{  
    color:rgb(120, 115, 83)  
}
```

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(120, 115, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 115, 83) }
```

Border

The CSS property to change the border of an element to YUV 112.8470, -14.7146, 6.2732 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(120, 115, 83) }
```


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

```
.border{ border-color:rgb(120, 115, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 115, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 115, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 115, 83);  
box-shadow:4px 4px 4px 4px rgb(120, 115,  
83) }
```

Background

The CSS property to change the background color of an element to YUV 112.8470, -14.7146, 6.2732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 115, 83) }
```

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

```
.background{ background-color: rgb(120,  
115, 83) }
```

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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