

Converting Colors

YUV(112.5160, -32.7924,
17.9645)

Have a look what the booklet for
YUV(112.5160, -32.7924, 17.9645)
contains.

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Color

**YUV(112.5160, -32.7924,
17.9645)**

Conversions

Conversions Part 1

Format	Color
Hex	85732E
RGB	133, 115, 46
RGB Percent	52%, 45%, 18%
CMY	0.4784, 0.5490, 0.8196
CMYK	0.00, 0.14, 0.65, 0.48
HSL	48°, 49%, 35%
HSV	48°, 65%, 52%
XYZ	16.2967, 17.4453, 5.0931
YIQ	112.5160, 32.8770, -17.6430

Conversions

Conversions Part 2

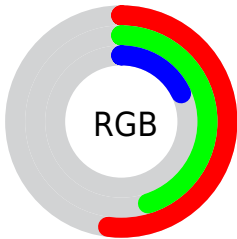
Format	Color
RYB	69, 133, 46
Decimal	8745774
CIELab	48.82, -1.61, 39.69
CIELCh	49, 39.723, 92.318
Yxy	17.4453, 0.4196, 0.4492
Android (android.graphics.Color)	4286935854 (0xFF85732E)
YUV	112.5160, -32.7924, 17.9645
Hunter-Lab	41.7675, -3.4465, 22.0075

Details

The YUV color **112.5160, -32.7924, 17.9645** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **66.4840, 32.7924, -17.9645**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.0710, -34.5450, 20.1087**, and **63.2490, -31.1818, 14.6906** is the 20% darker color. If you saturate the color by 10%, you get **109.2730, -37.6026, 20.8086**, and if you desaturate by 10%, it is **115.7590, -27.9822, 15.1204**.

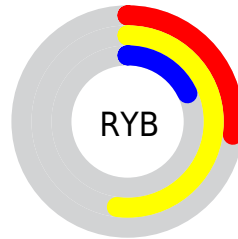
Distribution



Red (52%)

Green (45%)

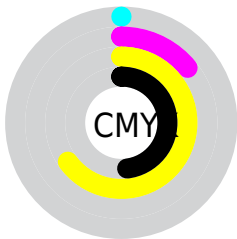
Blue (18%)



Red (27%)

Yellow (52%)

Blue (18%)

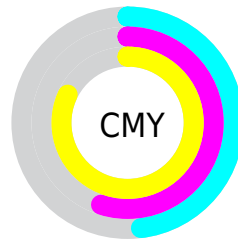


Cyan (0%)

Magenta (14%)

Yellow (65%)

Black (48%)



Cyan (48%)

Magenta (55%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.5160, -32.7924, 17.9645 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 112.5160, -32.7924, 17.9645 by changing the saturation by 10% instead.

■ 112.5160,
-32.7924, 17.9645

■ 112.5160,
-32.7924, 17.9645

■ 255.0000, 0.0000,
0.0000

■ 87.5050, -32.7870,
16.2201

■ 165.0710,
-34.5450, 20.1087

■ 63.2490, -31.1818,
14.6906

■ 192.5550,
-35.2766, 21.4383

■ 43.1590, -21.2774,
11.2616

■ 220.6260,
-36.2976, 22.2530

■ 23.9440, -11.8044,
6.1881

■ 242.8310,
-33.9337, 10.6722

■ 0.0000, 0.0000,
0.0000

■ 248.9580,
-23.1503, 5.2988

■ 252.1500,

-10.9200, 2.4994

■ 112.5160,
-32.7924, 17.9645

■ 112.5160,
-32.7924, 17.9645

■ 109.2730,
-37.6026, 20.8086

■ 115.7590,
-27.9822, 15.1204

■ 105.9160,
-42.8496, 23.7527

■ 119.1160,
-22.7352, 12.1763

■ 103.2600,
-47.9492, 26.0820

■ 121.7720,
-17.6356, 9.8470

■ 101.4020,
-49.9912, 27.7114

■ 125.0150,
-12.8254, 7.0028

■ 128.3720, -7.5784,
4.0588

■ 131.6150, -2.7682,
1.2146

■ 134.2710, 2.3314,
-1.1147

■ 137.5140, 7.1416,
-3.9588

■ 140.8710, 12.3886,
-6.9029

Harmonies

Analogous

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



114.6850, -28.9317, 39.7413



112.5160, -32.7924, 17.9645



108.5880, -25.4329, -9.2857

Triad

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



112.5160, -32.7924, 17.9645



94.6980, 27.7569, -83.0501



119.0040, 14.2950, 35.0765

Complementary

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



112.5160, -32.7924, 17.9645



66.4840, 32.7924, -17.9645

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.



118.4220, 26.9070, 3.1379



112.5160, -32.7924, 17.9645



95.0860, 39.3976, -83.3904

Square

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



112.5160, -32.7924, 17.9645



91.5230, 13.0532, -80.2657



108.0570, 36.9469, -43.9000



117.1020, -1.0363, 52.5305

Rectangle

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



112.5160, -32.7924, 17.9645



104.9750, -15.7637, -30.6731



108.0570, 36.9469, -43.9000



119.3880, 18.5427, 25.9697

Sweetspot

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



112.5160, -32.7924, 17.9645



165.0150, -12.8254, 7.0028



74.1790, -4.5252, 51.5860



81.6710, -7.7258, 4.6735



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



112.5160, -32.7924, 17.9645



141.1740, -50.8648, 27.9114



115.6070, -34.3163, -6.6713



64.7290, -2.3314, 1.1147



99.3310, -48.9702, 26.8967



2.0710, -1.0210, 0.8147

Inverse Universe

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



66.4840, 32.7924, -17.9645



69.8260, 50.8648, -27.9114



63.3930, 34.3163, 6.6713



61.2710, 2.3314, -1.1147



30.6690, 48.9702, -26.8967



0.9290, 1.0210, -0.8147

Previews

White Background



This preview shows how the YUV color 112.5160, -32.7924, 17.9645 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 112.5160, -32.7924, 17.9645 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 112.5160, -32.7924, 17.9645

Background



This preview shows how black text looks on a background with the YUV color 112.5160, -32.7924, 17.9645.



This preview shows how white text looks on a background with the YUV color 112.5160, -32.7924, 17.9645.

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

112.5160, -32.7924, 17.9645

Protanopia

111.9070, -32.4922, 14.9906

Deuteranopia

112.9840, -32.5301, 27.2010



Tritanopia

118.1810, -1.0752, 18.2583

Trichromacy



Original Color

112.5160, -32.7924, 17.9645

Protanomaly

112.2060, -32.6396, 15.6053

Deuteranomaly

112.9620, -32.5193, 23.7123

Tritanomaly

116.4940, -12.5685, 17.9838

Monochromacy



Original Color

112.5160, -32.7924, 17.9645

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

112.9440, -11.8044, 6.1881

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.5160, -32.7924, 17.9645 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(133, 115, 46)` looks like.

```
.text, #text, p{  
    color:rgb(133, 115, 46)  
}
```

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(133, 115, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 115, 46) }
```

Border

The CSS property to change the border of an element to YUV 112.5160, -32.7924, 17.9645 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(133, 115, 46) }
```


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

```
.border{ border-color:rgb(133, 115, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 115, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 115, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 115, 46);  
box-shadow:4px 4px 4px 4px rgb(133, 115,  
46) }
```

Background

The CSS property to change the background color of an element to YUV 112.5160, -32.7924, 17.9645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 115, 46) }
```

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

```
.background{ background-color: rgb(133,  
115, 46) }
```

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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