

Converting Colors

YUV(117.7940, -17.6464,
13.3357)

Have a look what the booklet for
YUV(117.7940, -17.6464, 13.3357)
contains.

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Color

**YUV(117.7940, -17.6464,
13.3357)**

Conversions

Conversions Part 1

Format	Color
Hex	857552
RGB	133, 117, 82
RGB Percent	52%, 46%, 32%
CMY	0.4784, 0.5412, 0.6784
CMYK	0.00, 0.12, 0.38, 0.48
HSL	41°, 24%, 42%
HSV	41°, 38%, 52%
XYZ	17.5571, 18.3183, 10.5931
YIQ	117.7940, 20.7710, -7.4930

Conversions

Conversions Part 2

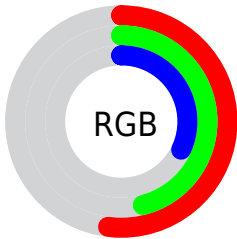
Format	Color
R_{YB}	105, 133, 82
Decimal	8746322
CIE _{Lab}	49.88, 0.79, 21.60
CIE _{LCh}	50, 21.616, 87.900
Yxy	18.3183, 0.3778, 0.3942
Android (android.graphics.Color)	4286936402 (0xFF857552)
YUV	117.7940, -17.6464, 13.3357
Hunter-Lab	42.7999, -1.6765, 15.2855

Details

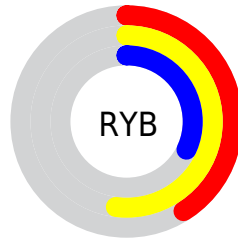
The YUV color **117.7940, -17.6464, 13.3357** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **97.2060, 17.6464, -13.3357**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.1640, -18.8149, 14.7652**, and **69.1250, -16.3306, 11.2914** is the 20% darker color. If you saturate the color by 10%, you get **113.9640, -22.1673, 16.6946**, and if you desaturate by 10%, it is **121.6240, -13.1256, 9.9768**.

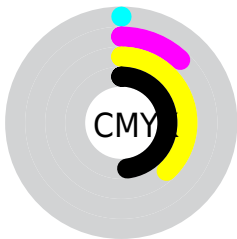
Distribution



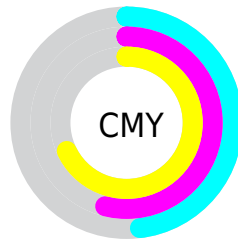
- Red (52%)
- Green (46%)
- Blue (32%)



- Red (41%)
- Yellow (52%)
- Blue (32%)



- Cyan (0%)
- Magenta (12%)
- Yellow (38%)
- Black (48%)



- Cyan (48%)
- Magenta (54%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.7940, -17.6464, 13.3357 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 117.7940, -17.6464, 13.3357 by changing the saturation by 10% instead.

■ 117.7940,
-17.6464, 13.3357

■ 117.7940,
-17.6464, 13.3357

■ 255.0000, 0.0000,
0.0000

■ 92.7230, -16.6254,
12.5209

■ 170.1640,
-18.8149, 14.7652

■ 69.1250, -16.3306,
11.2914

■ 197.3490,
-19.3991, 15.4799

■ 46.6410, -15.5990,
9.9618

■ 225.5340,
-19.9833, 16.1947

■ 26.0260, -12.8308,
8.7472

■ 249.0380,
-17.7667, 5.2287

■ 0.2990, -0.1474,
0.6148

■ 253.4040, -6.1152,
1.3997

■ 0.0000, 0.0000,
0.0000

■ 117.7940,
-17.6464, 13.3357

■ 117.7940,
-17.6464, 13.3357

■ 113.9640,
-22.1673, 16.6946

■ 121.6240,
-13.1256, 9.9768

■ 110.0200,
-27.1249, 20.1535

■ 125.5680, -8.1680,
6.5179

■ 105.6030,
-31.3563, 24.0272

■ 129.9850, -3.9366,
2.6442

■ 101.7730,
-35.8771, 27.3861

■ 133.8150, 0.5842,
-0.7148

■ 97.9430, -40.3979,
30.7450

■ 137.7590, 5.5418,
-4.1736

■ 93.9990, -45.3555,
34.2039

■ 141.5890, 10.0626,
-7.5326

■ 93.1840, -45.9397,
34.9186

■ 145.4190, 14.5834,
-10.8915

■ 149.2490, 19.1042,

-14.2504

■ 153.7800, 23.7725,
-18.2241

Harmonies

Analogous

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



119.4410, -15.5004, 25.0462



117.7940, -17.6464, 13.3357



116.0910, -14.8349, -1.8338

Triad

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



117.7940, -17.6464, 13.3357



109.0640, 12.7864, -41.2751



121.2870, 8.2395, 17.2883

Complementary

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



117.7940, -17.6464, 13.3357



97.2060, 17.6464, -13.3357

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.



120.0120, 15.2771, -0.0105



117.7940, -17.6464, 13.3357



111.8780, 18.3011, -36.7270

Square

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



117.7940, -17.6464, 13.3357



110.8880, 3.0132, -33.2278



116.5040, 18.9785, -20.6130



121.1760, -0.0868, 27.9096

Rectangle

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



117.7940, -17.6464, 13.3357



114.5780, -10.1450, -12.7849



116.5040, 18.9785, -20.6130



121.2370, 10.7292, 12.0702

Sweetspot

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



117.7940, -17.6464, 13.3357



167.1980, -6.9996, 5.0884



99.0730, -0.5290, 29.7540



83.2840, -4.0840, 3.2589



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.



117.7940, -17.6464, 13.3357



149.3190, -27.2723, 20.7682



124.4950, -20.9500, -0.4341



64.1420, -2.0420, 1.6295



91.1130, -44.9187, 34.1039



2.0710, -1.0210, 0.8147

Inverse Universe

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



97.2060, 17.6464, -13.3357



117.6810, 27.2723, -20.7682



90.5050, 20.9500, 0.4341



61.8580, 2.0420, -1.6295



38.8870, 44.9187, -34.1039



0.9290, 1.0210, -0.8147

Previews

White Background



This preview shows how the YUV color 117.7940, -17.6464, 13.3357 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 117.7940, -17.6464, 13.3357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

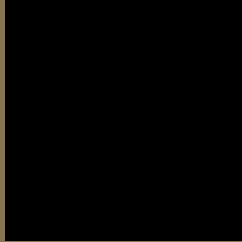
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 117.7940, -17.6464, 13.3357

Background



This preview shows how black text looks on a background with the YUV color 117.7940, -17.6464, 13.3357.



This preview shows how white text looks on a background with the YUV color 117.7940, -17.6464, 13.3357.

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

117.7940, -17.6464, 13.3357

Protanopia

117.5870, -17.0514, 9.1322

Deuteranopia

118.8380, -17.6681, 20.3131



Tritanopia

120.5010, 0.2460, 14.4696

Trichromacy



Original Color

117.7940, -17.6464, 13.3357

Protanomaly

117.5980, -17.0568, 10.8766

Deuteranomaly

118.5280, -17.5153, 17.9539

Tritanomaly

119.7800, -6.3005, 14.2249

Monochromacy



Original Color

117.7940, -17.6464, 13.3357

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

118.0130, -6.4154, 4.3736

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.7940, -17.6464, 13.3357 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, 117, 82)` looks like.

```
.text, #text, p{  
    color:rgb(133, 117, 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(133, 117, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 117, 82) }
```

Border

The CSS property to change the border of an element to YUV 117.7940, -17.6464, 13.3357 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, 117, 82) }
```


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

```
.border{ border-color:rgb(133, 117, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 117, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 117, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 117, 82);  
box-shadow:4px 4px 4px 4px rgb(133, 117,  
82) }
```

Background

The CSS property to change the background color of an element to YUV 117.7940, -17.6464, 13.3357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 117, 82) }
```

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

```
.background{ background-color: rgb(133,  
117, 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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