

Converting Colors

YUV(111.7830, -17.6410,
11.5913)

Have a look what the booklet for
YUV(111.7830, -17.6410, 11.5913)
contains.

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Color

**YUV(111.7830, -17.6410,
11.5913)**

Conversions

Conversions Part 1

Format	Color
Hex	7D704C
RGB	125, 112, 76
RGB Percent	49%, 44%, 30%
CMY	0.5098, 0.5608, 0.7020
CMYK	0.00, 0.10, 0.39, 0.51
HSL	44°, 24%, 39%
HSV	44°, 39%, 49%
XYZ	15.5561, 16.4701, 9.1966
YIQ	111.7830, 19.3040, -8.4400

Conversions

Conversions Part 2

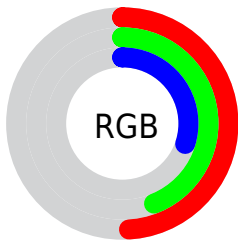
Format	Color
RYB	94, 125, 76
Decimal	8220748
CIELab	47.59, -0.57, 21.88
CIElCh	48, 21.886, 91.504
Yxy	16.4701, 0.3774, 0.3995
Android (android.graphics.Color)	4286410828 (0xFF7D704C)
YUV	111.7830, -17.6410, 11.5913
Hunter-Lab	40.5834, -2.5996, 14.9726

Details

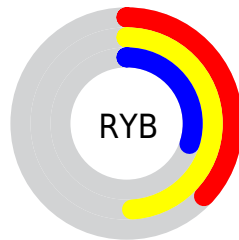
The YUV color **111.7830, -17.6410, 11.5913** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **89.2170, 17.6410, -11.5913**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.7400, -19.0988, 12.5060**, and **63.5270, -16.0358, 10.0618** is the 20% darker color. If you saturate the color by 10%, you get **108.6540, -22.0144, 14.3354**, and if you desaturate by 10%, it is **115.0260, -12.8308, 8.7472**.

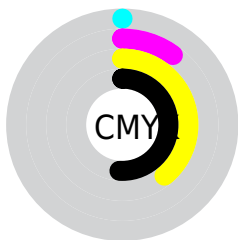
Distribution



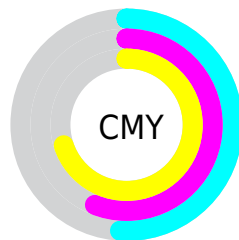
- Red (49%)
- Green (44%)
- Blue (30%)



- Red (37%)
- Yellow (49%)
- Blue (30%)



- Cyan (0%)
- Magenta (10%)
- Yellow (39%)
- Black (51%)



- Cyan (51%)
- Magenta (56%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.7830, -17.6410, 11.5913 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 111.7830, -17.6410, 11.5913 by changing the saturation by 10% instead.

■ 111.7830,
-17.6410, 11.5913

■ 111.7830,
-17.6410, 11.5913

■ 255.0000, 0.0000,
0.0000

■ 87.2990, -16.9094,
10.2618

■ 163.7400,
-19.0988, 12.5060

■ 63.5270, -16.0358,
10.0618

■ 190.9250,
-19.6830, 13.2208

■ 41.4020, -16.4672,
8.4174

■ 218.5230,
-19.9778, 14.4503

■ 21.5850, -10.6414,
6.5030

■ 244.7180,
-19.0880, 9.0173

■ 0.0000, 0.0000,
0.0000

■ 252.6060, -9.1728,
2.0995

■ 111.7830,
-17.6410, 11.5913

■ 111.7830,
-17.6410, 11.5913

■ 108.6540,
-22.0144, 14.3354

■ 115.0260,
-12.8308, 8.7472

■ 104.8240,
-26.5352, 17.6944

■ 118.7420, -8.7468,
5.4883

■ 101.6950,
-30.9086, 20.4385

■ 121.9850, -3.9366,
2.6442

■ 98.4520, -35.7188,
23.2826

■ 125.1140, 0.4368,
-0.1000

■ 94.7360, -39.8028,
26.5415

■ 128.9440, 4.9576,
-3.4589

■ 91.4930, -44.6130,
29.3856

■ 132.0730, 9.3310,
-6.2030

■ 91.3790, -45.0498,
29.4856

■ 135.3160, 14.1412,
-9.0471

■ 139.0320, 18.2252,

-12.3061

■ 142.1610, 22.5986,
-15.0502

Harmonies

Analogous

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



113.3160, -15.9318, 23.4019



111.7830, -17.6410, 11.5913



109.8950, -14.2452, -4.2929

Triad

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



111.7830, -17.6410, 11.5913



102.6940, 13.9549, -42.7046



115.7710, 7.5079, 18.6178

Complementary

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



111.7830, -17.6410, 11.5913



89.2170, 17.6410, -11.5913

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.



114.7950, 14.3981, 1.9338



111.7830, -17.6410, 11.5913



105.8180, 19.3167, -35.7974

Square

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



111.7830, -17.6410, 11.5913



104.2190, 4.3290, -35.2721



110.8140, 18.8257, -18.2539



115.2470, -1.1078, 28.7244

Rectangle

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



111.7830, -17.6410, 11.5913



107.7950, -9.2659, -14.7292



110.8140, 18.8257, -18.2539



115.7210, 9.9975, 13.3997

Sweetspot

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



111.7830, -17.6410, 11.5913



157.8990, -6.8522, 4.4736



92.1330, -1.5446, 28.8244



78.8710, -4.3734, 2.7441



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



111.7830, -17.6410, 11.5913



142.4820, -27.8456, 17.9943



116.1250, -19.7816, -1.8636



62.0280, -2.4788, 1.7294



93.4500, -46.0708, 30.3004



0.0000, 0.0000, 0.0000

Inverse Universe

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



89.2170, 17.6410, -11.5913



107.1050, 27.5562, -18.5091



84.8750, 19.7816, 1.8636



58.9720, 2.4788, -1.7294



34.5500, 46.0709, -30.3003



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 111.7830, -17.6410, 11.5913 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 111.7830, -17.6410, 11.5913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

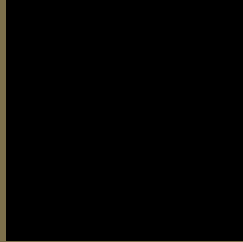
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 111.7830, -17.6410, 11.5913

Background



This preview shows how black text looks on a background with the YUV color 111.7830, -17.6410, 11.5913.



This preview shows how white text looks on a background with the YUV color 111.7830, -17.6410,

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

111.7830, -17.6410, 11.5913

Protanopia

111.4730, -17.4882, 9.2322

Deuteranopia

112.5390, -17.5207, 19.6983



Tritanopia

114.4900, 0.2514, 12.7253

Trichromacy



Original Color

111.7830, -17.6410, 11.5913

Protanomaly

111.7720, -17.6356, 9.8470

Deuteranomaly

111.9300, -17.2205, 16.7244

Tritanomaly

113.7690, -6.2951, 12.4806

Monochromacy



Original Color

111.7830, -17.6410, 11.5913

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

112.0130, -6.4154, 4.3736

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.7830, -17.6410, 11.5913 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(125, 112, 76)` looks like.

```
.text, #text, p{  
    color:rgb(125, 112, 76)  
}
```

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(125, 112, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 112, 76) }
```

Border

The CSS property to change the border of an element to YUV 111.7830, -17.6410, 11.5913 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(125, 112, 76) }
```


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

```
.border{ border-color:rgb(125, 112, 76) }
```

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

Here you see how a box with a 4 pixel rgb(125, 112, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 112, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 112, 76);  
box-shadow:4px 4px 4px 4px rgb(125, 112,  
76) }
```

Background

The CSS property to change the background color of an element to YUV 111.7830, -17.6410, 11.5913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 112, 76) }
```

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

```
.background{ background-color: rgb(125,  
112, 76) }
```

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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