

Converting Colors

YUV(116.0170, -15.7844,
22.7871)

Have a look what the booklet for
YUV(116.0170, -15.7844, 22.7871)
contains.

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Color

**YUV(116.0170, -15.7844,
22.7871)**

Conversions

Conversions Part 1

Format	Color
Hex	8E6D54
RGB	142, 109, 84
RGB Percent	56%, 43%, 33%
CMY	0.4431, 0.5725, 0.6706
CMYK	0.00, 0.23, 0.41, 0.44
HSL	26°, 26%, 44%
HSV	26°, 41%, 56%
XYZ	18.2242, 17.3282, 10.7717
YIQ	116.0170, 27.6930, -0.7790

Conversions

Conversions Part 2

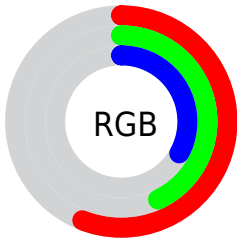
Format	Color
R_{YB}	142, 128, 84
Decimal	9334100
CIE _{Lab}	48.67, 9.57, 19.00
CIE _{LCh}	49, 21.274, 63.281
Yxy	17.3282, 0.3934, 0.3741
Android (android.graphics.Color)	4287524180 (0xFF8E6D54)
YUV	116.0170, -15.7844, 22.7871
Hunter-Lab	41.6271, 5.2993, 13.7968

Details

The YUV color **116.0170, -15.7844, 22.7871** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **109.9830, 15.7844, -22.7871**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.6860, -17.1002, 24.8314**, and **67.1630, -13.8844, 20.0280** is the 20% darker color. If you saturate the color by 10%, you get **109.7250, -19.5844, 28.3052**, and if you desaturate by 10%, it is **122.3090, -11.9843, 17.2690**.

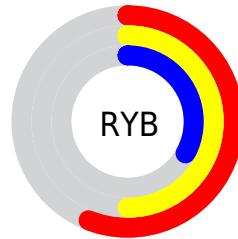
Distribution



Red (56%)

Green (43%)

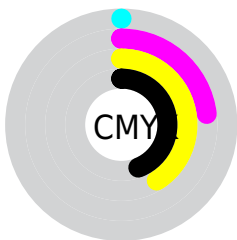
Blue (33%)



Red (56%)

Yellow (50%)

Blue (33%)

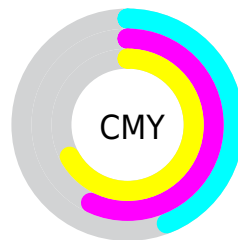


Cyan (0%)

Magenta (23%)

Yellow (41%)

Black (44%)



Cyan (44%)

Magenta (57%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.0170, -15.7844, 22.7871 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 116.0170, -15.7844, 22.7871 by changing the saturation by 10% instead.

■ 116.0170,
-15.7844, 22.7871

■ 116.0170,
-15.7844, 22.7871

■ 255.0000, 0.0000,
0.0000

■ 91.5330, -15.0528,
21.4576

■ 168.6860,
-17.1002, 24.8314

■ 67.1630, -13.8844,
20.0280

■ 195.8710,
-17.6844, 25.5461

■ 44.9670, -13.2947,
17.5689

■ 223.4690,
-17.9792, 26.7757

■ 23.7110, -11.6895,
16.0395

■ 243.9830,
-14.2886, 9.6619

■ 2.9900, -1.4741,
6.1478

■ 253.6320, -5.2416,
1.1997

■ 0.0000, 0.0000,
0.0000

■ 116.0170,
-15.7844, 22.7871

■ 116.0170,
-15.7844, 22.7871

■ 109.7250,
-19.5844, 28.3052

■ 122.3090,
-11.9843, 17.2690

■ 103.4330,
-23.3845, 33.8233

■ 128.6010, -8.1843,
11.7509

■ 97.0270, -27.6213,
39.4413

■ 135.0070, -3.9475,
6.1329

■ 90.7350, -31.4214,
44.9594

■ 141.2990, -0.1474,
0.6148

■ 84.4430, -35.2214,
50.4775

■ 147.5910, 3.6526,
-4.9033

■ 78.2650, -38.5846,
55.8956

■ 153.8830, 7.4527,
-10.4214

■ 160.7620, 10.9633,
-16.4543

■ 167.1680, 15.2002,

-22.0723

■ 173.4600, 19.0002,
-27.5904

Harmonies

Analogous

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



117.2550, -9.9857, 29.5944



116.0170, -15.7844, 22.7871



114.5980, -17.0568, 10.8766

Triad

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



116.0170, -15.7844, 22.7871



107.6320, 4.6184, -34.7573



117.3930, 14.1033, 3.1633

Complementary

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



116.0170, -15.7844, 22.7871



109.9830, 15.7844, -22.7871

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.



114.2980, 18.0941, -16.9243



116.0170, -15.7844, 22.7871



106.7050, 13.9494, -40.9603

Square

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



116.0170, -15.7844, 22.7871



109.7880, -5.3185, -20.8621



109.6010, 18.4377, -33.8531



118.5430, 6.6343, 18.8178

Rectangle

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



116.0170, -15.7844, 22.7871



113.2870, -15.4245, 0.6253



109.6010, 18.4377, -33.8531



116.5170, 16.0141, -3.0844

Sweetspot

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



116.0170, -15.7844, 22.7871



173.8610, -5.8475, 8.8919



105.2180, 6.3015, 32.2578



85.8220, -3.3632, 5.4181



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



116.0170, -15.7844, 22.7871



143.2160, -24.2635, 35.7676



132.4530, -23.8873, 8.3727



67.8540, -1.9000, 2.7590



74.4110, -36.6846, 53.1366



4.1530, -2.0474, 3.3738

Inverse Universe

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



109.9830, 15.7844, -22.7871



134.1970, 24.5529, -35.2528



93.5470, 23.8873, -8.3727



67.1460, 1.9000, -2.7590



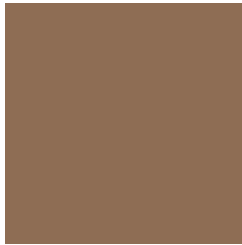
60.5890, 36.6846, -53.1366



3.2600, 2.3368, -2.8590

Previews

White Background



This preview shows how the YUV color 116.0170, -15.7844, 22.7871 looks on a white background.

Color Contrast Check

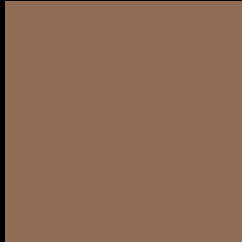
Large Text (above 18pt) WCAG AA ✓ Pass

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 116.0170, -15.7844, 22.7871 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

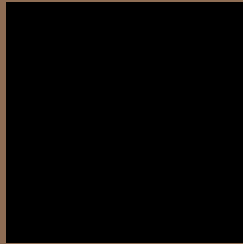
Any Text WCAG AA × Fail

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 116.0170, -15.7844, 22.7871 Background



This preview shows how black text looks on a background with the YUV color 116.0170, -15.7844, 22.7871.



This preview shows how white text looks on a background with the YUV color 116.0170, -15.7844, 22.7871.

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

116.0170, -15.7844, 22.7871

Protanopia

115.0860, -13.8464, 7.8176

Deuteranopia

115.6960, -15.6261, 18.6836



Tritanopia

117.8720, -2.4019, 23.7913

Trichromacy



Original Color

116.0170, -15.7844, 22.7871

Protanomaly

115.3040, -14.4469, 13.7654

Deuteranomaly

115.7070, -15.6316, 20.4280

Tritanomaly

116.9060, -7.3487, 23.7614

Monochromacy



Original Color

116.0170, -15.7844, 22.7871

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

115.5620, -5.7001, 8.2771

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.0170, -15.7844, 22.7871 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(142, 109, 84)` looks like.

```
.text, #text, p{  
    color:rgb(142, 109, 84)  
}
```

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(142, 109, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 109, 84) }
```

Border

The CSS property to change the border of an element to YUV 116.0170, -15.7844, 22.7871 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(142, 109, 84) }
```


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

```
.border{ border-color:rgb(142, 109, 84) }
```

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

Here you see how a box with a 4 pixel rgb(142, 109, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 109, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 109, 84);  
box-shadow:4px 4px 4px 4px rgb(142, 109,  
84) }
```

Background

The CSS property to change the background color of an element to YUV 116.0170, -15.7844, 22.7871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 109, 84) }
```

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

```
.background{ background-color: rgb(142,  
109, 84) }
```

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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