

Converting Colors

YUV(117.6440, -23.4885,
20.4832)

Have a look what the booklet for
YUV(117.6440, -23.4885, 20.4832)
contains.

YUV(117.6440, -23.4885, 20.4832)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(117.6440, -23.4885,
20.4832)**

Conversions

Conversions Part 1

Format	Color
Hex	8D7346
RGB	141, 115, 70
RGB Percent	55%, 45%, 27%
CMY	0.4471, 0.5490, 0.7255
CMYK	0.00, 0.18, 0.50, 0.45
HSL	38°, 34%, 41%
HSV	38°, 50%, 55%
XYZ	18.2207, 18.3664, 8.3791
YIQ	117.6440, 29.9410, -8.4830

Conversions

Conversions Part 2

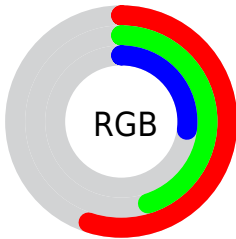
Format	Color
R_YB	111, 141, 70
Decimal	9270086
CIE _{Lab}	49.94, 4.09, 28.62
CIE _{LCh}	50, 28.906, 81.871
Y _{xy}	18.3664, 0.4052, 0.4084
Android (android.graphics.Color)	4287460166 (0xFF8D7346)
YUV	117.6440, -23.4885, 20.4832
Hunter-Lab	42.8560, 0.8933, 18.4070

Details

The YUV color **117.6440, -23.4885, 20.4832** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **93.3560, 23.4885, -20.4832**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.1990, -25.2411, 22.6275**, and **68.7900, -21.5885, 17.7242** is the 20% darker color. If you saturate the color by 10%, you get **113.1130, -28.1567, 24.4569**, and if you desaturate by 10%, it is **122.1750, -18.8203, 16.5095**.

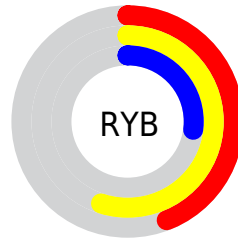
Distribution



Red (55%)

Green (45%)

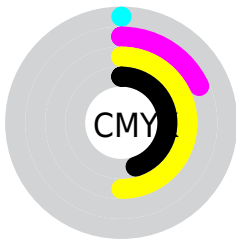
Blue (27%)



Red (44%)

Yellow (55%)

Blue (27%)

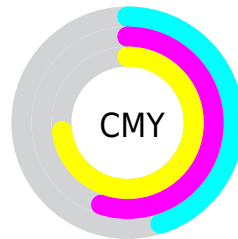


Cyan (0%)

Magenta (18%)

Yellow (50%)

Black (45%)



Cyan (45%)

Magenta (55%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.6440, -23.4885, 20.4832 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 117.6440, -23.4885, 20.4832 by changing the saturation by 10% instead.

■ 117.6440,
-23.4885, 20.4832

■ 117.6440,
-23.4885, 20.4832

■ 255.0000, 0.0000,
0.0000

■ 92.8610, -22.6095,
18.5389

■ 170.1990,
-25.2411, 22.6275

■ 68.7900, -21.5885,
17.7242

■ 197.6830,
-25.9727, 23.9570

■ 45.5510, -22.4566,
16.1798

■ 225.8680,
-26.5569, 24.6718

■ 26.6350, -13.1311,
11.7211

■ 245.6810,
-23.0137, 8.1728

■ 2.9900, -1.4741,
6.1478

■ 251.9220,
-11.7935, 2.6994

■ 0.0000, 0.0000,
0.0000

■ 117.6440,
-23.4885, 20.4832

■ 117.6440,
-23.4885, 20.4832

■ 113.1130,
-28.1567, 24.4569

■ 122.1750,
-18.8203, 16.5095

■ 108.5820,
-32.8249, 28.4306

■ 126.7060,
-14.1521, 12.5358

■ 104.0510,
-37.4931, 32.4043

■ 131.2370, -9.4838,
8.5622

■ 98.9330, -41.8720,
36.8928

■ 136.3550, -5.1050,
4.0737

■ 94.4020, -46.5402,
40.8664

■ 141.0000, 0.0000,
0.0000

■ 145.5310, 4.6682,
-3.9737

■ 150.0620, 9.3364,
-7.9474

■ 154.5930, 14.0047,

-11.9211

■ 159.1240, 18.6729,
-15.8947

Harmonies

Analogous

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



119.5840, -19.0219, 34.5678



117.6440, -23.4885, 20.4832



115.3920, -21.3923, 1.4102

Triad

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



117.6440, -23.4885, 20.4832



98.9680, 18.2568, -69.2549



121.9650, 13.3283, 18.4477

Complementary

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



117.6440, -23.4885, 20.4832



93.3560, 23.4885, -20.4832

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.



119.6890, 21.8453, -6.7433



117.6440, -23.4885, 20.4832



101.6940, 27.2659, -65.5066

Square

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



117.6440, -23.4885, 20.4832



106.8820, 2.0302, -44.6235



112.4680, 26.8843, -36.3674



121.6160, 2.6543, 35.4168

Rectangle

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



117.6440, -23.4885, 20.4832



113.0850, -15.8179, -13.2295



112.4680, 26.8843, -36.3674



121.7190, 16.4075, 10.7704

Sweetspot

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



117.6440, -23.4885, 20.4832



174.9380, -9.3364, 7.9474



94.1930, 0.8909, 41.0497



86.5400, -5.6892, 4.7884



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.



117.6440, -23.4885, 20.4832



147.2790, -36.6195, 32.2043



130.2150, -29.6860, 1.5654



69.0280, -2.4788, 1.7294



90.8470, -44.7876, 38.7222



5.3270, -2.6262, 2.3442

Inverse Universe

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



93.3560, 23.4885, -20.4832



109.7210, 36.6195, -32.2043



80.7850, 29.6860, -1.5654



66.5590, 2.1894, -2.2442



44.1530, 44.7876, -38.7222



2.6730, 2.6262, -2.3442

Previews

White Background



This preview shows how the YUV color 117.6440, -23.4885, 20.4832 looks on a white background.

Color Contrast Check

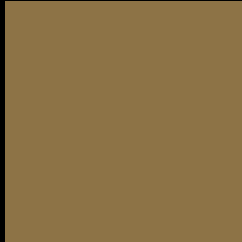
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 117.6440, -23.4885, 20.4832 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 117.6440, -23.4885, 20.4832

Background



This preview shows how black text looks on a background with the YUV color 117.6440, -23.4885, 20.4832.



This preview shows how white text looks on a background with the YUV color 117.6440, -23.4885,

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

117.6440, -23.4885, 20.4832

Protanopia

116.8170, -22.5878, 11.5615

Deuteranopia

118.2530, -23.7887, 23.4571



Tritanopia

120.7900, -1.3755, 21.2322

Trichromacy



Original Color

117.6440, -23.4885, 20.4832

Protanomaly

117.4260, -22.8880, 14.5354

Deuteranomaly

117.9540, -23.6413, 22.8423

Tritanomaly

119.7270, -9.2324, 21.2874

Monochromacy



Original Color

117.6440, -23.4885, 20.4832

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

117.8670, -8.3154, 7.1326

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.6440, -23.4885, 20.4832 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(141, 115, 70)` looks like.

```
.text, #text, p{  
    color:rgb(141, 115, 70)  
}
```

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(141, 115, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 115, 70) }
```

Border

The CSS property to change the border of an element to YUV 117.6440, -23.4885, 20.4832 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(141, 115, 70) }
```


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

```
.border{ border-color:rgb(141, 115, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 115, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 115, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 115, 70);  
box-shadow:4px 4px 4px 4px rgb(141, 115,  
70) }
```

Background

The CSS property to change the background color of an element to YUV 117.6440, -23.4885, 20.4832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 115, 70) }
```

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

```
.background{ background-color: rgb(141,  
115, 70) }
```

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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