

Converting Colors

YUV(117.6890, -28.4407,
22.1977)

Have a look what the booklet for
YUV(117.6890, -28.4407, 22.1977)
contains.

YUV(117.6890, -28.4407, 22.1977)	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(117.6890, -28.4407,
22.1977)**

Conversions

Conversions Part 1

Format	Color
Hex	8F743C
RGB	143, 116, 60
RGB Percent	56%, 45%, 24%
CMY	0.4392, 0.5451, 0.7647
CMYK	0.00, 0.19, 0.58, 0.44
HSL	40°, 41%, 40%
HSV	40°, 58%, 56%
XYZ	18.3887, 18.6567, 6.9069
YIQ	117.6890, 34.0680, -11.6920

Conversions

Conversions Part 2

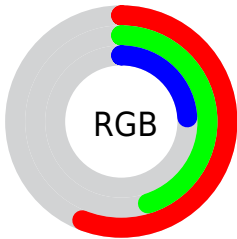
Format	Color
R_{YB}	100, 143, 60
Decimal	9401404
CIE Lab	50.28, 3.48, 34.52
CIE LCh	50, 34.693, 84.241
Yxy	18.6567, 0.4184, 0.4245
Android (android.graphics.Color)	4287591484 (0xFF8F743C)
YUV	117.6890, -28.4407, 22.1977
Hunter-Lab	43.1934, 0.4044, 20.7545

Details

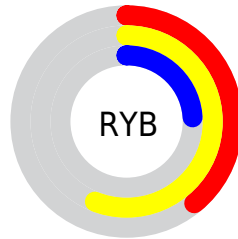
The YUV color **117.6890, -28.4407, 22.1977** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **85.3110, 28.4407, -22.1977**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.5430, -30.3407, 24.9568**, and **68.3080, -27.2668, 19.0239** is the 20% darker color. If you saturate the color by 10%, you get **113.1580, -33.1089, 26.1714**, and if you desaturate by 10%, it is **122.2200, -23.7725, 18.2241**.

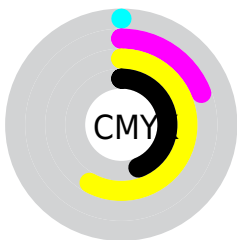
Distribution



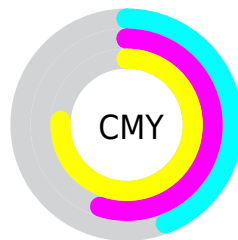
- Red (56%)
- Green (45%)
- Blue (24%)



- Red (39%)
- Yellow (56%)
- Blue (24%)



- Cyan (0%)
- Magenta (19%)
- Yellow (58%)
- Black (44%)



- Cyan (44%)
- Magenta (55%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.6890, -28.4407, 22.1977 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 117.6890, -28.4407, 22.1977 by changing the saturation by 10% instead.

■ 117.6890,
-28.4407, 22.1977

■ 117.6890,
-28.4407, 22.1977

■ 255.0000, 0.0000,
0.0000

■ 92.9060, -27.5617,
20.2534

■ 170.5430,
-30.3407, 24.9568

■ 68.3080, -27.2668,
19.0239

■ 198.0270,
-31.0723, 26.2863

■ 46.4370, -22.8934,
16.2798

■ 225.5000,
-31.7985, 25.8715

■ 27.2220, -13.4204,
11.2063

■ 245.1280,
-27.6711, 8.6577

■ 3.2890, -1.6215,
6.7625

■ 250.6680,
-16.5983, 3.7992

■ 0.0000, 0.0000,
0.0000

■ 253.8600, -4.3680,

0.9998

■ 117.6890,
-28.4407, 22.1977

■ 117.6890,
-28.4407, 22.1977

■ 113.1580,
-33.1089, 26.1714

■ 122.2200,
-23.7725, 18.2241

■ 109.1000,
-38.5033, 29.7303

■ 126.2780,
-18.3781, 14.6652

■ 104.5690,
-43.1715, 33.7040

■ 130.8090,
-13.7098, 10.6915

■ 100.0380,
-47.8397, 37.6777

■ 135.3400, -9.0416,
6.7178

■ 99.1090, -48.8607,
38.4924

■ 139.3980, -3.6472,
3.1590

■ 143.9290, 1.0210,
-0.8147

■ 148.4600, 5.6892,
-4.7884

■ 152.4040, 10.6468,
-8.2473

■ 157.0490, 15.7518,
-12.3210

Harmonies

Analogous

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



119.2920, -22.8220, 40.0859



117.6890, -28.4407, 22.1977



114.7570, -25.0232, -0.6639

Triad

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



117.6890, -28.4407, 22.1977



95.5470, 23.3943, -83.7947



123.2800, 15.6380, 24.3104

Complementary

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



117.6890, -28.4407, 22.1977



85.3110, 28.4407, -22.1977

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.



120.7260, 25.7711, -5.8987



117.6890, -28.4407, 22.1977



95.9350, 35.0350, -84.1350

Square

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



117.6890, -28.4407, 22.1977



100.4990, 6.1630, -63.5816



110.7210, 33.1685, -45.3593



122.2580, 2.3378, 43.6237

Rectangle

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



117.6890, -28.4407, 22.1977



112.1830, -17.8382, -18.5775



110.7210, 33.1685, -45.3593



123.1370, 19.1595, 14.7889

Sweetspot

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



117.6890, -28.4407, 22.1977



176.5960, -10.6468, 8.2473



88.0090, -0.0044, 48.2271



88.3120, -6.5628, 4.9884



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



117.6890, -28.4407, 22.1977



146.5260, -44.6293, 34.6187



129.3520, -34.1905, -0.3087



69.0280, -2.4788, 1.7294



93.7820, -46.2345, 36.1482



5.3270, -2.6262, 2.3442

Inverse Universe

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



85.3110, 28.4407, -22.1977



95.4740, 44.6293, -34.6187



73.6480, 34.1905, 0.3087



66.5590, 2.1894, -2.2442



41.2180, 46.2345, -36.1482



2.0860, 2.9156, -1.8294

Previews

White Background



This preview shows how the YUV color 117.6890, -28.4407, 22.1977 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 117.6890, -28.4407, 22.1977 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 117.6890, -28.4407, 22.1977

Background



This preview shows how black text looks on a background with the YUV color 117.6890, -28.4407, 22.1977.



This preview shows how white text looks on a background with the YUV color 117.6890, -28.4407, 22.1977.

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

117.6890, -28.4407, 22.1977

Protanopia

116.8620, -27.5400, 13.2760

Deuteranopia

117.7110, -28.4515, 25.6865



Tritanopia

122.2740, -2.1071, 22.5617

Trichromacy



Original Color

117.6890, -28.4407, 22.1977

Protanomaly

117.4710, -27.8402, 16.2499

Deuteranomaly

117.9990, -28.5935, 24.5569

Tritanomaly

120.4560, -11.5638, 22.4021

Monochromacy



Original Color

117.6890, -28.4407, 22.1977

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

117.7100, -10.2100, 8.1473

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.6890, -28.4407, 22.1977 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(143, 116, 60)` looks like.

```
.text, #text, p{  
    color:rgb(143, 116, 60)  
}
```

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(143, 116, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 116, 60) }
```

Border

The CSS property to change the border of an element to YUV 117.6890, -28.4407, 22.1977 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(143, 116, 60) }
```


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

```
.border{ border-color:rgb(143, 116, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 116, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 116, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 116, 60);  
box-shadow:4px 4px 4px 4px rgb(143, 116,  
60) }
```

Background

The CSS property to change the background color of an element to YUV 117.6890, -28.4407, 22.1977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 116, 60) }
```

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

```
.background{ background-color: rgb(143,  
116, 60) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor