

Converting Colors

YUV(133.7530, -22.0632,
30.0346)

Have a look what the booklet for
YUV(133.7530, -22.0632, 30.0346)
contains.

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Color

**YUV(133.7530, -22.0632,
30.0346)**

Conversions

Conversions Part 1

Format	Color
Hex	A87D59
RGB	168, 125, 89
RGB Percent	66%, 49%, 35%
CMY	0.3412, 0.5098, 0.6510
CMYK	0.00, 0.26, 0.47, 0.34
HSL	27°, 31%, 50%
HSV	27°, 47%, 66%
XYZ	25.2852, 23.7133, 12.6956
YIQ	133.7530, 37.1840, -2.0800

Conversions

Conversions Part 2

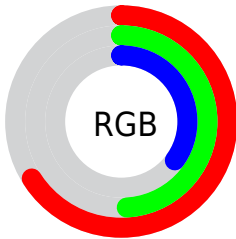
Format	Color
R_{YB}	168, 155, 89
Decimal	11042137
CIE _{Lab}	55.80, 12.09, 26.08
CIE _{LCh}	56, 28.751, 65.130
Yxy	23.7133, 0.4098, 0.3844
Android (android.graphics.Color)	4289232217 (0xFFA87D59)
YUV	133.7530, -22.0632, 30.0346
Hunter-Lab	48.6963, 7.4663, 18.6299

Details

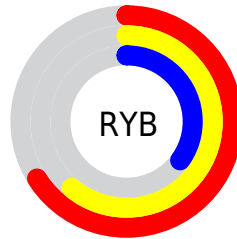
The YUV color **133.7530, -22.0632, 30.0346** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **123.2470, 22.0632, -30.0346**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.6070, -23.9633, 32.7937**, and **83.6000, -20.0158, 26.6608** is the 20% darker color. If you saturate the color by 10%, you get **126.5320, -26.8843, 36.3674**, and if you desaturate by 10%, it is **140.9740, -17.2422, 23.7018**.

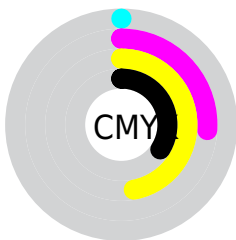
Distribution



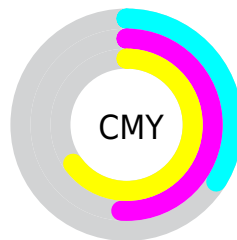
- Red (66%)
- Green (49%)
- Blue (35%)



- Red (66%)
- Yellow (61%)
- Blue (35%)



- Cyan (0%)
- Magenta (26%)
- Yellow (47%)
- Black (34%)



- Cyan (34%)
- Magenta (51%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.7530, -22.0632, 30.0346 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 133.7530, -22.0632, 30.0346 by changing the saturation by 10% instead.

■ 133.7530,
-22.0632, 30.0346

■ 133.7530,
-22.0632, 30.0346

■ 255.0000, 0.0000,
0.0000

■ 107.9700,
-21.1842, 28.0903

■ 187.6070,
-23.9633, 32.7937

■ 83.6000, -20.0158,
26.6608

■ 215.2050,
-24.2581, 34.0232

■ 59.8170, -19.1368,
24.7165

■ 235.0180,
-20.7149, 17.5242

■ 37.6210, -18.5472,
22.2574

■ 251.1240,
-14.8511, 3.3993

■ 17.8190, -8.7848,
17.6987

■ 254.4300, -2.1840,
0.4999

■ 0.0000, 0.0000,
0.0000

■ 133.7530,
-22.0632, 30.0346

■ 133.7530,
-22.0632, 30.0346

■ 126.5320,
-26.8843, 36.3674

■ 140.9740,
-17.2422, 23.7018

■ 119.3110,
-31.7053, 42.7003

■ 148.1950,
-12.4211, 17.3690

■ 112.2040,
-36.0896, 48.9331

■ 155.3020, -8.0369,
11.1361

■ 104.3960,
-40.6212, 55.7807

■ 163.1100, -3.5052,
4.2885

■ 97.1750, -45.4423,
62.1135

■ 170.3310, 1.3158,
-2.0443

■ 95.4310, -47.0475,
63.6430

■ 177.5520, 6.1369,
-8.3771

■ 184.7730, 10.9579,
-14.7099

■ 191.8800, 15.3422,

-20.9428

■ 199.1010, 20.1632,
-27.2756

Harmonies

Analogous

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



135.4690, -14.5282, 39.9307



133.7530, -22.0632, 30.0346



131.8880, -23.6088, 12.3762

Triad

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



133.7530, -22.0632, 30.0346



119.5480, 8.6038, -53.1006



136.3700, 19.0446, 4.9375

Complementary

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



133.7530, -22.0632, 30.0346



123.2470, 22.0632, -30.0346

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.



131.8010, 25.2411, -22.6275



133.7530, -22.0632, 30.0346



117.0270, 22.1717, -64.9217

Square

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



133.7530, -22.0632, 30.0346



124.7930, -6.3069, -30.5135



123.3800, 26.9277, -50.3223



137.4670, 8.6438, 27.6544

Rectangle

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



133.7530, -22.0632, 30.0346



130.1960, -20.8026, -1.0489



123.3800, 26.9277, -50.3223



135.2980, 21.5451, -3.7693

Sweetspot

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



133.7530, -22.0632, 30.0346



206.1880, -8.4737, 11.2361



117.5230, 7.1372, 44.2683



101.9640, -5.4053, 7.0476



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



133.7530, -22.0632, 30.0346



165.6490, -34.3370, 46.7888



156.6460, -33.3495, 9.9575



80.7400, -2.3368, 2.8590



83.5810, -41.2054, 56.4955



11.2630, -5.5527, 7.6623

Inverse Universe

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



123.2470, 22.0632, -30.0346



149.3510, 34.3370, -46.7888



100.3540, 33.3495, -9.9575



79.2600, 2.3368, -2.8590



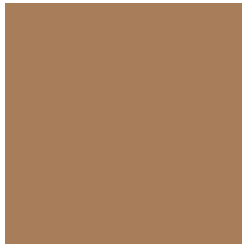
64.4190, 41.2054, -56.4955



8.7370, 5.5527, -7.6623

Previews

White Background



This preview shows how the YUV color 133.7530, -22.0632, 30.0346 looks on a white background.

Color Contrast Check

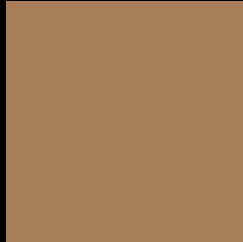
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.7530, -22.0632, 30.0346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

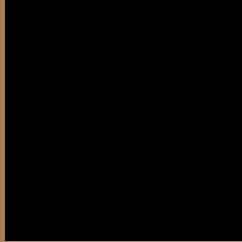
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 133.7530, -22.0632, 30.0346

Background



This preview shows how black text looks on a background with the YUV color 133.7530, -22.0632, 30.0346.



This preview shows how white text looks on a background with the YUV color 133.7530, -22.0632, 30.0346.

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

133.7530, -22.0632, 30.0346

Protanopia

132.6150, -19.5302, 10.8616

Deuteranopia

133.3070, -22.3364, 24.2868



Tritanopia

136.5740, -3.7340, 31.0686

Trichromacy



Original Color

133.7530, -22.0632, 30.0346

Protanomaly

133.1320, -20.2781, 17.4242

Deuteranomaly

133.6170, -22.4892, 26.6459

Tritanomaly

135.7390, -10.7173, 30.9239

Monochromacy



Original Color

133.7530, -22.0632, 30.0346

Achromatopsia

134.0000, 0.0000, 0.0000

Achromatomaly

134.0030, -7.8895, 10.5214

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.7530, -22.0632, 30.0346 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(168, 125, 89)` looks like.

```
.text, #text, p{  
    color:rgb(168, 125, 89)  
}
```

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(168, 125, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 125, 89) }
```

Border

The CSS property to change the border of an element to YUV 133.7530, -22.0632, 30.0346 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(168, 125, 89) }
```


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

```
.border{ border-color:rgb(168, 125, 89) }
```

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

Here you see how a box with a 4 pixel rgb(168, 125, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 125, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 125, 89);  
box-shadow:4px 4px 4px 4px rgb(168, 125,  
89) }
```

Background

The CSS property to change the background color of an element to YUV 133.7530, -22.0632, 30.0346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 125, 89) }
```

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

```
.background{ background-color: rgb(168,  
125, 89) }
```

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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