

Converting Colors

YUV(123.7530, -22.0632,
30.0346)

Have a look what the booklet for
YUV(123.7530, -22.0632, 30.0346)
contains.

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Color

**YUV(123.7530, -22.0632,
30.0346)**

Conversions

Conversions Part 1

Format	Color
Hex	9E734F
RGB	158, 115, 79
RGB Percent	62%, 45%, 31%
CMY	0.3804, 0.5490, 0.6902
CMYK	0.00, 0.27, 0.50, 0.38
HSL	27°, 33%, 46%
HSV	27°, 50%, 62%
XYZ	21.6426, 20.0951, 10.1352
YIQ	123.7530, 37.1840, -2.0800

Conversions

Conversions Part 2

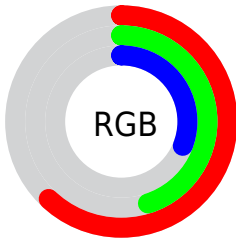
Format	Color
R_{YB}	158, 145, 79
Decimal	10384207
CIE Lab	51.94, 12.46, 26.51
CIE LCh	52, 29.288, 64.824
Yxy	20.0951, 0.4172, 0.3874
Android (android.graphics.Color)	4288574287 (0xFF9E734F)
YUV	123.7530, -22.0632, 30.0346
Hunter-Lab	44.8275, 7.7309, 17.9742

Details

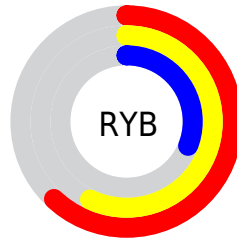
The YUV color **123.7530, -22.0632, 30.0346** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **113.2470, 22.0632, -30.0346**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.0200, -23.6739, 33.3085**, and **74.1870, -20.3052, 26.1460** is the 20% darker color. If you saturate the color by 10%, you get **116.6460, -26.4475, 36.2675**, and if you desaturate by 10%, it is **130.8600, -17.6790, 23.8018**.

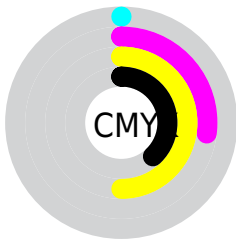
Distribution



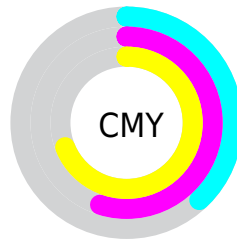
- Red (62%)
- Green (45%)
- Blue (31%)



- Red (62%)
- Yellow (57%)
- Blue (31%)



- Cyan (0%)
- Magenta (27%)
- Yellow (50%)
- Black (38%)



- Cyan (38%)
- Magenta (55%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.7530, -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 123.7530, -22.0632, 30.0346 by changing the saturation by 10% instead.

■ 123.7530,
-22.0632, 30.0346

■ 123.7530,
-22.0632, 30.0346

■ 255.0000, 0.0000,
0.0000

■ 98.3830, -20.8948,
28.6051

■ 177.0200,
-23.6739, 33.3085

■ 74.1870, -20.3052,
26.1460

■ 204.5040,
-24.4055, 34.6380

■ 51.1050, -19.2788,
23.5869

■ 227.3070,
-22.3364, 24.2868

■ 30.2340, -14.9054,
20.8428

■ 247.5220,
-18.4983, 6.5582

■ 8.9700, -4.4222,
18.4433

■ 253.0620, -7.4256,
1.6996

■ 0.0000, 0.0000,
0.0000

■ 123.7530,
-22.0632, 30.0346

■ 123.7530,
-22.0632, 30.0346

■ 116.6460,
-26.4475, 36.2675

■ 130.8600,
-17.6790, 23.8018

■ 110.1260,
-31.1211, 41.9855

■ 137.3800,
-13.0053, 18.0837

■ 103.1330,
-35.0686, 48.1184

■ 144.3730, -9.0579,
11.9509

■ 96.6130, -39.7422,
53.8364

■ 150.8930, -4.3842,
6.2328

■ 89.5060, -44.1265,
60.0692

■ 158.0000, 0.0000,
0.0000

■ 165.1070, 4.3842,
-6.2328

■ 171.6270, 9.0579,
-11.9509

■ 178.6200, 13.0053,

-18.0837

■ 185.1400, 17.6790,
-23.8018

Harmonies

Analogous

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



124.8820, -14.2388, 40.4455



123.7530, -22.0632, 30.0346



122.0730, -24.1930, 13.0910

Triad

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



123.7530, -22.0632, 30.0346



108.3520, 9.1935, -55.5597



126.3700, 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.



123.7530, -22.0632, 30.0346



113.2470, 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.



121.3170, 25.9727, -23.9570



123.7530, -22.0632, 30.0346



103.1400, 24.0880, -72.9138

Square

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



123.7530, -22.0632, 30.0346



114.4940, -6.1595, -31.1282



111.9990, 28.1015, -53.4961



127.5810, 9.0806, 27.5545

Rectangle

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



123.7530, -22.0632, 30.0346



120.1960, -20.8026, -1.0489



111.9990, 28.1015, -53.4961



125.2980, 21.5451, -3.7693

Sweetspot

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



123.7530, -22.0632, 30.0346



193.4870, -8.6211, 11.8509



107.5230, 7.1372, 44.2683



96.3770, -5.1159, 7.5624



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



123.7530, -22.0632, 30.0346



152.9480, -34.4844, 47.4036



146.6460, -33.3495, 9.9575



75.7400, -2.3368, 2.8590



80.9120, -39.8896, 54.4512



8.5940, -4.2368, 5.6181

Inverse Universe

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



113.2470, 22.0632, -30.0346



136.4650, 34.7738, -46.8888



90.3540, 33.3495, -9.9575



74.2600, 2.3368, -2.8590



62.0880, 39.8896, -54.4512



6.4060, 4.2368, -5.6181

Previews

White Background



This preview shows how the YUV color 123.7530, -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 123.7530, -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 123.7530, -22.0632, 30.0346

Background



This preview shows how black text looks on a background with the YUV color 123.7530, -22.0632, 30.0346.



This preview shows how white text looks on a background with the YUV color 123.7530, -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

123.7530, -22.0632, 30.0346

Protanopia

122.6150, -19.5302, 10.8616

Deuteranopia

123.5950, -22.4783, 23.1572



Tritanopia

126.1610, -4.0234, 30.5538

Trichromacy



Original Color

123.7530, -22.0632, 30.0346

Protanomaly

123.1320, -20.2781, 17.4242

Deuteranomaly

123.9050, -22.6312, 25.5163

Tritanomaly

125.4400, -10.5699, 30.3091

Monochromacy



Original Color

123.7530, -22.0632, 30.0346

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

124.0030, -7.8895, 10.5214

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.7530, -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(158, 115, 79)` looks like.

```
.text, #text, p{  
    color:rgb(158, 115, 79)  
}
```

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(158, 115, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 115, 79) }
```

Border

The CSS property to change the border of an element to YUV 123.7530, -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(158, 115, 79) }
```


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

```
.border{ border-color:rgb(158, 115, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 115, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 115, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 115, 79);  
box-shadow:4px 4px 4px 4px rgb(158, 115,  
79) }
```

Background

The CSS property to change the background color of an element to YUV 123.7530, -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(158, 115, 79) }
```

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

```
.background{ background-color: rgb(158,  
115, 79) }
```

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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