

Converting Colors

YUV(132.7380, 0.6222,
-12.9252)

Have a look what the booklet for
YUV(132.7380, 0.6222, -12.9252)
contains.

YUV(132.7380, 0.6222, -12.9252)	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(132.7380, 0.6222,
-12.9252)**

Conversions

Conversions Part 1

Format	Color
Hex	768C86
RGB	118, 140, 134
RGB Percent	46%, 55%, 53%
CMY	0.5373, 0.4510, 0.4745
CMYK	0.16, 0.00, 0.04, 0.45
HSL	164°, 9%, 51%
HSV	164°, 16%, 55%
XYZ	21.1524, 24.3289, 26.1354
YIQ	132.7380, -11.1860, -6.5300

Conversions

Conversions Part 2

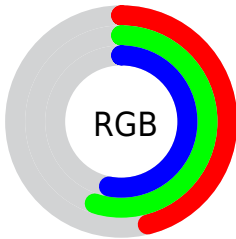
Format	Color
R_{YB}	118, 131, 140
Decimal	7769222
CIE _{Lab}	56.42, -9.14, 0.56
CIE _{LCh}	56, 9.153, 176.493
Yxy	24.3289, 0.2954, 0.3397
Android (android.graphics.Color)	4285959302 (0xFF768C86)
YUV	132.7380, 0.6222, -12.9252
Hunter-Lab	49.3244, -9.7694, 3.1113

Details

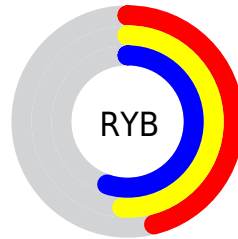
The YUV color $[132.7380, 0.6222, -12.9252]$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $[125.2620, -0.6222, 12.9252]$, and the grayscale version is $[133.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[186.0260, 0.4802, -14.0548]$, and $[83.0370, 0.4748, -12.3104]$ is the 20% darker color. If you saturate the color by 10%, you get $[128.0960, 0.9387, -21.1322]$, and if you desaturate by 10%, it is $[137.3800, 0.3057, -4.7183]$.

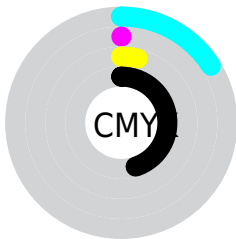
Distribution



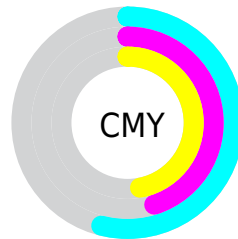
- Red (46%)
- Green (55%)
- Blue (53%)



- Red (46%)
- Yellow (51%)
- Blue (55%)



- Cyan (16%)
- Magenta (0%)
- Yellow (4%)
- Black (45%)



- Cyan (54%)
- Magenta (45%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 132.7380, 0.6222, -12.9252 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 132.7380, 0.6222, -12.9252 by changing the saturation by 10% instead.

■ 132.7380, 0.6222,
-12.9252

■ 132.7380, 0.6222,
-12.9252

255.0000, 0.0000,
0.0000

■ 107.1510, 0.9116,
-12.4104

■ 186.0260, 0.4802,
-14.0548

■ 83.0370, 0.4748,
-12.3104

■ 213.4390, 0.7696,
-13.5400

■ 59.7490, 0.6167,
-11.1809

■ 242.0260, 0.4802,
-14.0548

■ 37.8630, 1.0535,
-11.2809

254.7010, 0.1474,
-0.6148

■ 16.2540, 1.3538,
-14.2548

■ 0.0000, 0.0000,
0.0000

■ 132.7380, 0.6222,
-12.9252

■ 132.7380, 0.6222,
-12.9252

■ 128.0960, 0.9387,
-21.1322

■ 137.3800, 0.3057,
-4.7183

■ 123.4540, 1.2552,
-29.3392

■ 142.0220, -0.0108,
3.4887

■ 118.9260, 2.0085,
-37.6461

■ 146.5500, -0.7641,
11.7957

■ 114.2840, 2.3250,
-45.8531

■ 151.1920, -1.0807,
20.0026

■ 109.6420, 2.6415,
-54.0600

■ 155.8340, -1.3972,
28.2096

■ 105.0000, 2.9580,
-62.2670

■ 160.4760, -1.7137,
36.4165

■ 100.3580, 3.2745,
-70.4740

■ 165.1180, -2.0302,
44.6235

■ 95.7160, 3.5910,

■ 169.7600, -2.3467,

-78.6809

52.8305

■ 93.8080, 4.0387,
-82.2696

■ 174.2880, -3.1000,
61.1374

Harmonies

Analogous

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



133.3320, -3.6147, -7.3072



132.7380, 0.6222, -12.9252



132.7530, 4.5588, -15.5694

Triad

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



132.7380, 0.6222, -12.9252



136.3080, 6.2572, -0.2701



136.2420, -7.0213, 12.0658

Complementary

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



132.7380, 0.6222, -12.9252



125.2620, -0.6222, 12.9252

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.



136.7630, -3.8272, 14.2398



132.7380, 0.6222, -12.9252



136.6680, 3.6147, 7.3072

Square

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



132.7380, 0.6222, -12.9252



134.7200, 8.0260, -7.6474



137.0770, -0.0380, 12.2105



135.0950, -7.4418, 6.9327

Rectangle

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



132.7380, 0.6222, -12.9252



133.2200, 6.3005, -14.2249



137.0770, -0.0380, 12.2105



136.1820, -6.0057, 12.9954

Sweetspot

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



132.7380, 0.6222, -12.9252



178.0810, 0.4531, -5.3330



132.7080, -7.2510, -7.6369



89.9780, 0.0108, -3.4887



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.



132.7380, 0.6222, -12.9252



169.8080, 1.0807, -20.0026



130.4870, 4.6899, -10.9511



66.6790, 0.1583, -4.1035



89.0150, 3.4436, -78.0662



3.3910, 0.3002, -2.9739

Inverse Universe

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



125.2620, -0.6222, 12.9252



158.1920, -1.0807, 20.0026



127.5130, -4.6899, 10.9511



64.3210, -0.1583, 4.1035



43.8710, -3.8804, 78.1661



1.6090, -0.3002, 2.9739

Previews

White Background



This preview shows how the YUV color 132.7380, 0.6222, -12.9252 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 132.7380, 0.6222, -12.9252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

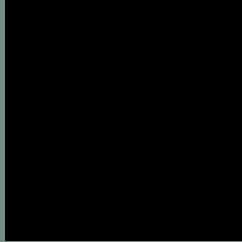
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 132.7380, 0.6222, -12.9252

Background



This preview shows how black text looks on a background with the YUV color 132.7380, 0.6222, -12.9252.



This preview shows how white text looks on a background with the YUV color 132.7380, 0.6222, -12.9252.

-12.9252.

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

132.7380, 0.6222, -12.9252

Protanopia

134.8540, -1.9000, 2.7590

Deuteranopia

136.6530, -0.3219, 9.9513



Tritanopia

134.1710, 7.3107, -11.5510

Trichromacy



Original Color

132.7380, 0.6222, -12.9252

Protanomaly

134.0490, -1.0102, -2.6740

Deuteranomaly

135.0110, -0.0054, 1.7444

Tritanomaly

133.8890, 4.9847, -12.1807

Monochromacy



Original Color

132.7380, 0.6222, -12.9252

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

133.2660, -0.1311, -4.6183

CSS Examples

Text

The CSS property to change the color of the text to YUV 132.7380, 0.6222, -12.9252 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(118, 140, 134)` looks like.

```
.text, #text, p{  
    color:rgb(118, 140, 134)  
}
```

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(118, 140, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 140, 134) }
```

Border

The CSS property to change the border of an element to YUV 132.7380, 0.6222, -12.9252 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(118, 140, 134) }
```


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

```
.border{ border-color:rgb(118, 140, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 140, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 140, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 140, 134);  
box-shadow:4px 4px 4px 4px rgb(118, 140,  
134) }
```

Background

The CSS property to change the background color of an element to YUV 132.7380, 0.6222, -12.9252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 140, 134) }
```

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

```
.background{ background-color: rgb(118,  
140, 134) }
```

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