

Converting Colors

YUV(78.7630, -10.7292,
-12.0702)

Have a look what the booklet for
YUV(78.7630, -10.7292, -12.0702)
contains.

YUV(78.7630, -10.7292, -12.0702)	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(78.7630, -10.7292,
-12.0702)**

Conversions

Conversions Part 1

Format	Color
Hex	415A39
RGB	65, 90, 57
RGB Percent	25%, 35%, 22%
CMY	0.7451, 0.6471, 0.7765
CMYK	0.28, 0.00, 0.37, 0.65
HSL	105°, 22%, 29%
HSV	105°, 37%, 35%
XYZ	6.5747, 8.7316, 5.2097
YIQ	78.7630, -4.3070, -15.5630

Conversions

Conversions Part 2

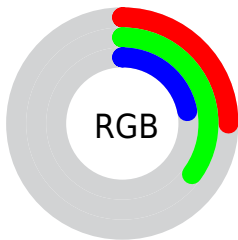
Format	Color
RYB	57, 90, 82
Decimal	4282937
CIELab	35.46, -16.57, 16.12
CIElCh	35, 23.118, 135.789
Yxy	8.7316, 0.3205, 0.4256
Android (android.graphics.Color)	4282473017 (0xFF415A39)
YUV	78.7630, -10.7292, -12.0702
Hunter-Lab	29.5492, -11.9951, 10.2312

Details

The YUV color **78.7630, -10.7292, -12.0702** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **68.2370, 10.7292, 12.0702**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.1220, -11.8921, -12.3850**, and **33.4040, -9.5662, -11.7553** is the 20% darker color. If you saturate the color by 10%, you get **75.6440, -13.6285, -15.4738**, and if you desaturate by 10%, it is **81.8820, -7.8298, -8.6665**.

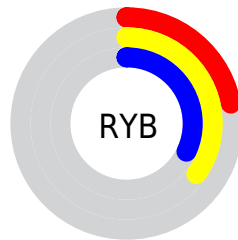
Distribution



Red (25%)

Green (35%)

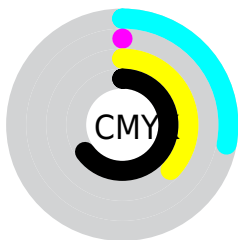
Blue (22%)



Red (22%)

Yellow (35%)

Blue (32%)

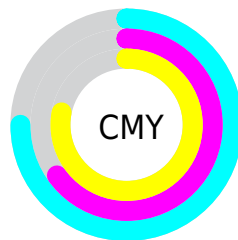


Cyan (28%)

Magenta (0%)

Yellow (37%)

Black (65%)



Cyan (75%)

Magenta (65%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.7630, -10.7292, -12.0702 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 78.7630, -10.7292, -12.0702 by changing the saturation by 10% instead.

■ 78.7630, -10.7292,
-12.0702

■ 78.7630, -10.7292,
-12.0702

■ 255.0000, 0.0000,
0.0000

■ 55.2900, -10.0030,
-11.6553

■ 128.1220,
-11.8921, -12.3850

■ 33.4040, -9.5662,
-11.7553

■ 154.4100,
-12.0341, -13.5146

■ 14.6750, -7.2348,
-12.8700

■ 181.2960,
-12.4709, -13.4146

■ 0.0000, 0.0000,
0.0000

■ 208.8830,
-12.7603, -13.9294

■ 236.7690,
-13.1971, -13.8294

■ 251.6810, -6.2517,

-1.4742

■ 78.7630, -10.7292,
-12.0702

■ 78.7630, -10.7292,
-12.0702

■ 75.6440, -13.6285,
-15.4738

■ 81.8820, -7.8298,
-8.6665

■ 72.5250, -16.5278,
-18.8774

■ 85.0010, -4.9305,
-5.2629

■ 69.7050, -19.5746,
-21.6663

■ 87.8210, -1.8838,
-2.4740

■ 66.5860, -22.4739,
-25.0699

■ 90.9400, 1.0156,
0.9296

■ 63.4670, -25.3732,
-28.4736

■ 94.0590, 3.9149,
4.3333

■ 60.3480, -28.2726,
-31.8772

■ 97.1780, 6.8142,
7.7369

■ 59.4080, -29.2881,
-32.8068

■ 100.2970, 9.7136,
11.1405

■ 103.4160, 12.6129,
14.5442

■ 106.2360, 15.6597,
17.3330

Harmonies

Analogous

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



80.9670, -16.7457, 4.4139



78.7630, -10.7292, -12.0702



75.2860, -0.6340, -30.0688

Triad

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



78.7630, -10.7292, -12.0702



77.1820, 20.6163, -32.6086



84.5200, -5.1864, 30.2390

Complementary

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



78.7630, -10.7292, -12.0702



68.2370, 10.7292, 12.0702

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.



85.7780, 3.5604, 24.7507



78.7630, -10.7292, -12.0702



83.2280, 17.6356, -9.8470

Square

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



78.7630, -10.7292, -12.0702



67.3270, 20.5448, -56.4148



85.7530, 11.4608, 10.7406



83.8480, -12.7431, 27.3203

Rectangle

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



78.7630, -10.7292, -12.0702



70.9730, 7.4083, -42.9493



85.7530, 11.4608, 10.7406



85.2040, -2.5656, 29.6391

Sweetspot

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



78.7630, -10.7292, -12.0702



112.8270, -4.3517, -4.2333



81.5420, -12.0992, 7.4177



56.2940, -2.6099, -2.8888



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



78.7630, -10.7292, -12.0702



99.5250, -16.5278, -18.8774



77.2830, -6.0555, -17.7882



44.2340, -1.5944, -1.9592



72.6430, -35.8130, -40.0289



156.1620, -76.9879, -86.9651

Inverse Universe

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



68.2370, 10.7292, 12.0702



83.4750, 16.5278, 18.8774



69.7170, 6.0555, 17.7882



42.7660, 1.5944, 1.9592



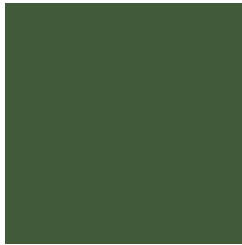
37.3570, 35.8130, 40.0289



80.8380, 76.9879, 86.9651

Previews

White Background



This preview shows how the YUV color 78.7630, -10.7292, -12.0702 looks on a white background.

Color Contrast Check

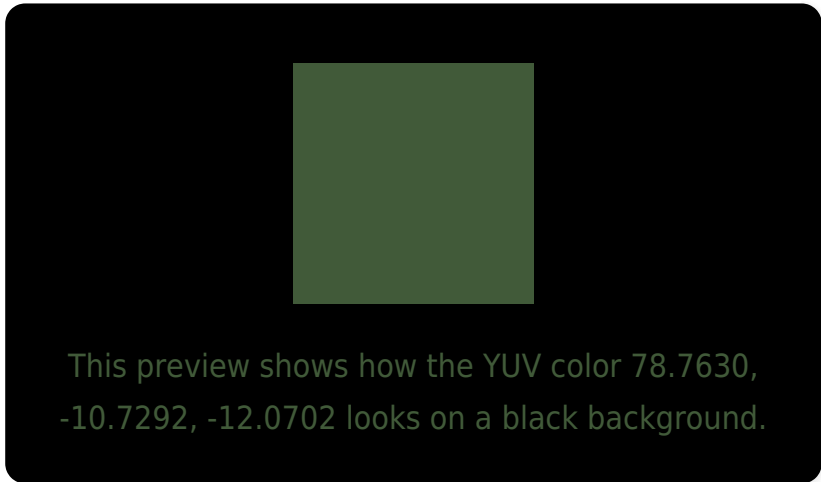
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

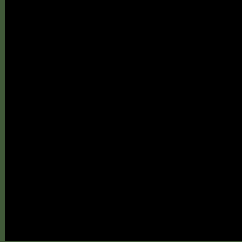
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.7630, -10.7292, -12.0702

Background



This preview shows how black text looks on a background with the YUV color 78.7630, -10.7292, -12.0702.



This preview shows how white text looks on a background with the YUV color 78.7630, -10.7292, -12.0702.

-12.0702.

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

78.7630, -10.7292, -12.0702

Protanopia

81.7870, -13.6990, 7.2028

Deuteranopia

83.2870, -11.9735, 13.7803



Tritanopia

82.3130, 5.2687, -9.9215

Trichromacy



Original Color

78.7630, -10.7292, -12.0702

Protanomaly

80.9710, -12.8037, 0.0254

Deuteranomaly

81.9330, -11.7990, 4.4438

Tritanomaly

80.8200, -0.4043, -10.3661

Monochromacy



Original Color

78.7630, -10.7292, -12.0702

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

78.9410, -3.9149, -4.3333

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.7630, -10.7292, -12.0702 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(65, 90, 57)` looks like.

```
.text, #text, p{  
    color:rgb(65, 90, 57)  
}
```

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(65, 90, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 90, 57) }
```

Border

The CSS property to change the border of an element to YUV 78.7630, -10.7292, -12.0702 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(65, 90, 57) }
```


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

```
.border{ border-color:rgb(65, 90, 57) }
```

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

Here you see how a box with a 4 pixel rgb(65, 90, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 90, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 90, 57);  
box-shadow:4px 4px 4px 4px rgb(65, 90, 57)  
}
```

Background

The CSS property to change the background color of an element to YUV 78.7630, -10.7292, -12.0702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 90, 57) }
```

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

```
.background{ background-color: rgb(65, 90,  
57) }
```

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