

# Converting Colors

YUV(83.5270, -2.7248, -12.7402)

Have a look what the booklet for  
YUV(83.5270, -2.7248, -12.7402)  
contains.

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# Color

**YUV(83.5270, -2.7248,  
-12.7402)**

# Conversions

## Conversions Part 1

Format	Color
Hex	455C4E
RGB	69, 92, 78
RGB Percent	27%, 36%, 31%
CMY	0.7294, 0.6392, 0.6941
CMYK	0.25, 0.00, 0.15, 0.64
HSL	143°, 14%, 32%
HSV	143°, 25%, 36%
XYZ	7.6565, 9.4696, 8.6320
YIQ	83.5270, -9.2140, -9.2300

# Conversions

## Conversions Part 2

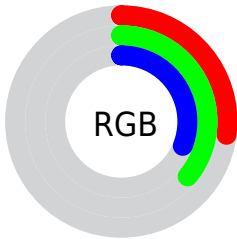
Format	Color
<a href="#">RYB</a>	<a href="#">69, 86, 92</a>
Decimal	<a href="#">4545614</a>
CIELab	<a href="#">36.87, -11.96, 5.24</a>
CIELCh	<a href="#">37, 13.059, 156.328</a>
Yxy	<a href="#">9.4696, 0.2972, 0.3676</a>
Android (android.graphics.Color)	<a href="#">4282735694</a> ( <a href="#">0xFF455C4E</a> )
YUV	<a href="#">83.5270, -2.7248, -12.7402</a>
Hunter-Lab	<a href="#">30.7726, -9.4396, 4.9095</a>

# Details

The YUV color **83.5270, -2.7248, -12.7402** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **77.4730, 2.7248, 12.7402**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.1140, -3.0142, -13.2550**, and **38.3530, -2.1460, -11.7106** is the 20% darker color. If you saturate the color by 10%, you get **80.1520, -4.0189, -17.6733**, and if you desaturate by 10%, it is **86.9020, -1.4307, -7.8071**.

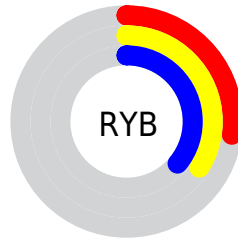
# Distribution



Red (27%)

Green (36%)

Blue (31%)



Red (27%)

Yellow (34%)

Blue (36%)

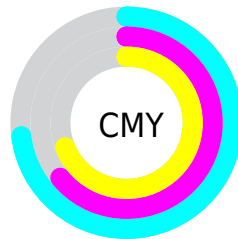


Cyan (25%)

Magenta (0%)

Yellow (15%)

Black (64%)



Cyan (73%)

Magenta (64%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 83.5270, -2.7248, -12.7402 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 83.5270, -2.7248, -12.7402 by changing the saturation by 10% instead.



■ 83.5270, -2.7248,  
-12.7402

■ 83.5270, -2.7248,  
-12.7402

255.0000, 0.0000,  
0.0000

■ 59.9400, -2.4354,  
-12.2254

■ 133.1140, -3.0142,  
-13.2550

■ 38.3530, -2.1460,  
-11.7106

■ 159.4020, -3.1562,  
-14.3846

■ 16.6300, -2.2826,  
-14.5845

■ 186.4020, -3.1562,  
-14.3846

■ 0.0000, 0.0000,  
0.0000

■ 213.9890, -3.4456,  
-14.8994

■ 242.5760, -3.7350,  
-15.4142

254.7010, 0.1474,

-0.6148

■ 83.5270, -2.7248,  
-12.7402

■ 83.5270, -2.7248,  
-12.7402

■ 80.1520, -4.0189,  
-17.6733

■ 86.9020, -1.4307,  
-7.8071

■ 76.8910, -4.8763,  
-22.7064

■ 90.1630, -0.5734,  
-2.7740

■ 73.2170, -6.0230,  
-28.2543

■ 93.8370, 0.5734,  
2.7740

■ 69.9560, -6.8803,  
-33.2874

■ 97.0980, 1.4307,  
7.8071

■ 66.5810, -8.1744,  
-38.2205

■ 100.4730, 2.7248,  
12.7402

■ 63.2060, -9.4686,  
-43.1537

■ 103.8480, 4.0189,  
17.6733

■ 59.9450, -10.3259,  
-48.1868

■ 107.1090, 4.8763,  
22.7064

■ 58.1080, -10.8992,  
-50.9607

■ 110.7830, 6.0230,  
28.2543

■ 114.0440, 6.8803,  
33.2874

# Harmonies

## Analogous

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



85.0290, -7.4093, -3.5334



83.5270, -2.7248, -12.7402



82.6770, 3.1172, -19.8877

# Triad

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



83.5270, -2.7248, -12.7402



86.2900, 10.2100, -8.1473



87.8020, -6.3114, 17.7136

# Complementary

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



83.5270, -2.7248, -12.7402



77.4730, 2.7248, 12.7402

# 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.



88.3550, -1.6540, 17.2287



83.5270, -2.7248, -12.7402



87.7860, 7.9935, 2.8187

# Square

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



83.5270, -2.7248, -12.7402



84.0500, 10.8214, -17.5838



88.2880, 3.3090, 12.0254



86.9710, -9.3527, 13.1804



# Rectangle

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



83.5270, -2.7248, -12.7402



82.5780, 6.6170, -22.4319



88.2880, 3.3090, 12.0254



88.1440, -5.0010, 17.4137

# Sweetspot

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



83.5270, -2.7248, -12.7402



116.3260, -1.1467, -5.5479



86.6870, -8.7197, -3.2335



58.7500, -0.8627, -3.2887



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000



# Same Dimension

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



83.5270, -2.7248, -12.7402



106.7280, -4.3029, -19.9325



84.7810, 2.0800, -13.8399



44.1630, -0.5734, -2.7740



69.4720, -13.0507, -60.9269



149.7210, -27.9635, -131.3053



# Inverse Universe

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



77.4730, 2.7248, 12.7402



97.2720, 4.3029, 19.9325



76.2190, -2.0800, 13.8399



42.8370, 0.5734, 2.7740



40.5280, 13.0507, 60.9269

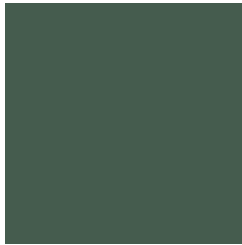


87.2790, 27.9635, 131.3053



# Previews

## White Background



This preview shows how the YUV color 83.5270, -2.7248, -12.7402 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



This preview shows how the YUV color 83.5270, -2.7248, -12.7402 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

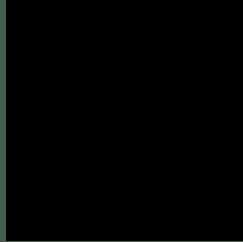
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 83.5270, -2.7248, -12.7402

## Background



This preview shows how black text looks on a background with the YUV color 83.5270, -2.7248, -12.7402.



This preview shows how white text looks on a background with the YUV color 83.5270, -2.7248,

-12.7402.

# 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

83.5270, -2.7248, -12.7402

### Protanopia

86.2410, -5.5418, 4.1736

### Deuteranopia

86.8440, -3.3741, 8.9068



## Tritanopia

85.1280, 5.8529, -10.6363

# Trichromacy



## Original Color

83.5270, -2.7248, -12.7402

## Protanomaly

85.1370, -4.5045, -1.8741

## Deuteranomaly

85.5010, -3.2050, 1.3146

## Tritanomaly

84.6180, 2.6533, -11.0660

# Monochromacy



## Original Color

83.5270, -2.7248, -12.7402

## Achromatopsia

84.0000, 0.0000, 0.0000

## Achromatomaly

84.0380, -1.0047, -4.4183

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 83.5270, -2.7248, -12.7402 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(69, 92, 78)` looks like.

```
.text, #text, p{  
    color:rgb(69, 92, 78)  
}
```

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(69, 92, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 92, 78) }
```

## Border

The CSS property to change the border of an element to YUV 83.5270, -2.7248, -12.7402 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(69, 92, 78) }
```



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

```
.border{ border-color:rgb(69, 92, 78) }
```

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

Here you see how a box with a 4 pixel rgb(69, 92, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 92, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 92, 78);  
box-shadow:4px 4px 4px 4px rgb(69, 92, 78)  
}
```

# Background

The CSS property to change the background color of an element to YUV 83.5270, -2.7248, -12.7402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 92, 78) }
```

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

```
.background{ background-color: rgb(69, 92,  
78) }
```

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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