

Converting Colors

YUV(83.0250, -14.8023,
-12.2999)

Have a look what the booklet for
YUV(83.0250, -14.8023, -12.2999)
contains.

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Color

**YUV(83.0250, -14.8023,
-12.2999)**

Conversions

Conversions Part 1

Format	Color
Hex	456035
RGB	69, 96, 53
RGB Percent	27%, 38%, 21%
CMY	0.7294, 0.6235, 0.7922
CMYK	0.28, 0.00, 0.45, 0.62
HSL	98°, 29%, 29%
HSV	98°, 45%, 38%
XYZ	7.2797, 9.8880, 4.8931
YIQ	83.0250, -2.2890, -19.0970

Conversions

Conversions Part 2

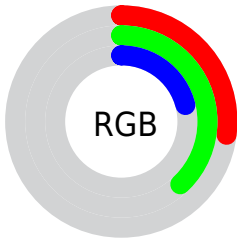
Format	Color
R_{YB}	53, 96, 80
Decimal	4546613
CIE _{Lab}	37.64, -18.87, 21.38
CIE _{LCh}	38, 28.516, 131.436
Yxy	9.8880, 0.3300, 0.4482
Android (android.graphics.Color)	4282736693 (0xFF456035)
YUV	83.0250, -14.8023, -12.2999
Hunter-Lab	31.4452, -13.7054, 12.7858

Details

The YUV color **83.0250, -14.8023, -12.2999** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **65.9750, 14.8023, 12.2999**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.9710, -16.2547, -13.1296**, and **36.5520, -14.0761, -11.8851** is the 20% darker color. If you saturate the color by 10%, you get **80.0910, -18.2859, -14.9888**, and if you desaturate by 10%, it is **85.9590, -11.3188, -9.6110**.

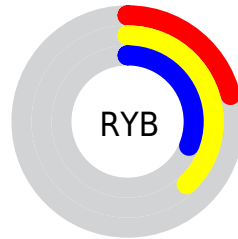
Distribution



Red (27%)

Green (38%)

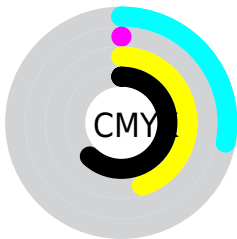
Blue (21%)



Red (21%)

Yellow (38%)

Blue (31%)

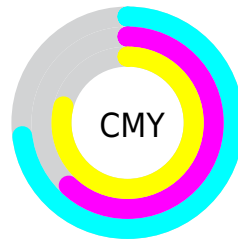


Cyan (28%)

Magenta (0%)

Yellow (45%)

Black (62%)



Cyan (73%)

Magenta (62%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.0250, -14.8023, -12.2999 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 83.0250, -14.8023, -12.2999 by changing the saturation by 10% instead.

■ 83.0250, -14.8023,
-12.2999

■ 83.0250, -14.8023,
-12.2999

255.0000, 0.0000,
0.0000

■ 59.5520, -14.0761,
-11.8851

■ 132.9710,
-16.2547, -13.1296

■ 36.5520, -14.0761,
-11.8851

■ 158.9710,
-16.2547, -13.1296

■ 17.0230, -8.3923,
-14.9292

■ 186.4440,
-16.9809, -13.5444

■ 0.0000, 0.0000,
0.0000

■ 214.2160,
-17.8545, -13.3444

■ 241.0420,
-17.2757, -12.3148

■ 252.6060, -9.1728,

■ 83.0250, -14.8023,
-12.2999

■ 83.0250, -14.8023,
-12.2999

■ 80.0910, -18.2859,
-14.9888

■ 85.9590, -11.3188,
-9.6110

■ 77.2710, -21.3326,
-17.7777

■ 88.7790, -8.2720,
-6.8222

■ 74.3370, -24.8161,
-20.4665

■ 91.7130, -4.7885,
-4.1333

■ 71.5170, -27.8629,
-23.2554

■ 94.5330, -1.7418,
-1.3444

■ 68.5830, -31.3464,
-25.9443

■ 97.4670, 1.7418,
1.3444

■ 67.1160, -33.0882,
-27.2887

■ 100.4010, 5.2253,
4.0333

■ 103.2210, 8.2720,
6.8222

■ 106.1550, 11.7556,
9.5111

■ 108.9750, 14.8023,
12.2999

Harmonies

Analogous

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



85.7240, -21.5559, 7.2581



83.0250, -14.8023, -12.2999



77.4980, -2.2175, -35.5167

Triad

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



83.0250, -14.8023, -12.2999



72.9060, 29.1333, -57.7996



89.7920, -4.3345, 37.0164

Complementary

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



83.0250, -14.8023, -12.2999



65.9750, 14.8023, 12.2999

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.



91.1960, 6.3124, 28.7691



83.0250, -14.8023, -12.2999



86.9650, 23.1883, -17.5093

Square

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



83.0250, -14.8023, -12.2999



71.5650, 22.8925, -62.7625



90.8930, 15.8288, 9.7408



88.7350, -14.6594, 35.3124

Rectangle

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



83.0250, -14.8023, -12.2999



68.8460, 9.9359, -60.3779



90.8930, 15.8288, 9.7408



90.2910, -1.1295, 35.7018

Sweetspot

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



83.0250, -14.8023, -12.2999



120.1860, -5.5147, -4.5481



81.7060, -14.1521, 12.5358



60.7670, -3.3361, -3.3037



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



83.0250, -14.8023, -12.2999



104.6900, -23.5112, -19.0221



78.8110, -10.2598, -22.6362



46.6470, -1.3050, -1.4444



78.3020, -38.6029, -31.8369



167.4910, -82.5731, -68.8366

Inverse Universe

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



65.9750, 14.8023, 12.2999



77.6090, 23.3638, 19.6369



70.1890, 10.2598, 22.6362



45.3530, 1.3050, 1.4444



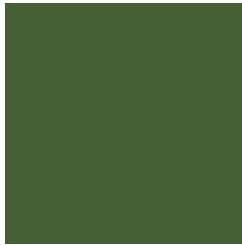
33.6980, 38.6029, 31.8369



72.5090, 82.5731, 68.8366

Previews

White Background



This preview shows how the YUV color 83.0250, -14.8023, -12.2999 looks on a white background.

Color Contrast Check

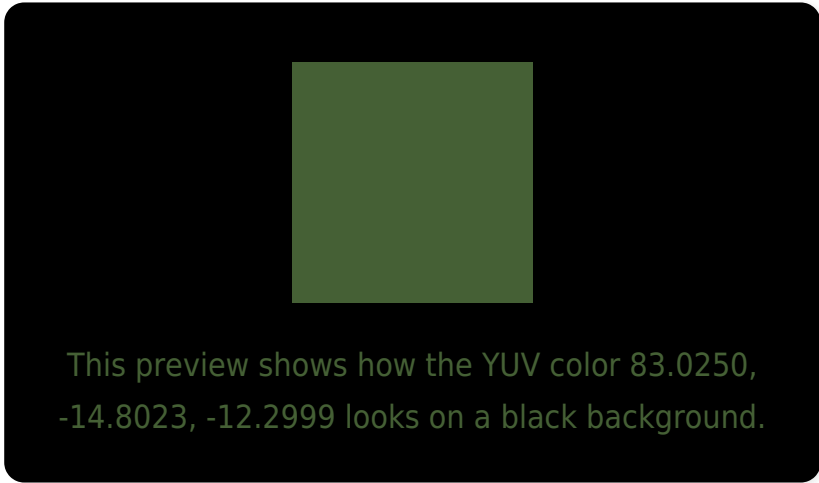
Large Text (above 18pt) WCAG AA ✓ Pass

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

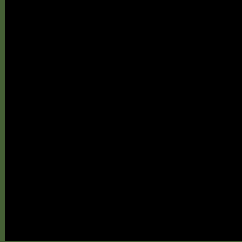
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.0250, -14.8023, -12.2999

Background



This preview shows how black text looks on a background with the YUV color 83.0250, -14.8023, -12.2999.



This preview shows how white text looks on a background with the YUV color 83.0250, -14.8023, -12.2999.

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

83.0250, -14.8023, -12.2999

Protanopia

86.3590, -17.9250, 9.3322

Deuteranopia

87.6850, -15.6207, 16.9393



Tritanopia

87.3130, 5.2687, -9.9215

Trichromacy



Original Color

83.0250, -14.8023, -12.2999

Protanomaly

85.2440, -16.8823, 1.5400

Deuteranomaly

85.7330, -15.1514, 6.3732

Tritanomaly

85.7660, -1.8566, -11.1958

Monochromacy



Original Color

83.0250, -14.8023, -12.2999

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

83.1860, -5.5147, -4.5481

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.0250, -14.8023, -12.2999 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, 96, 53)` looks like.

```
.text, #text, p{  
    color:rgb(69, 96, 53)  
}
```

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, 96, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 96, 53) }
```

Border

The CSS property to change the border of an element to YUV 83.0250, -14.8023, -12.2999 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, 96, 53) }
```


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

```
.border{ border-color:rgb(69, 96, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 96, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 96, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 96, 53);  
box-shadow:4px 4px 4px 4px rgb(69, 96, 53)  
}
```

Background

The CSS property to change the background color of an element to YUV 83.0250, -14.8023, -12.2999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 96, 53) }
```

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

```
.background{ background-color: rgb(69, 96,  
53) }
```

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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