

Converting Colors

YUV(84.2480, -12.9403, -2.8485)

Have a look what the booklet for
YUV(84.2480, -12.9403, -2.8485)
contains.

YUV(84.2480, -12.9403, -2.8485)	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(84.2480, -12.9403,
-2.8485)**

Conversions

Conversions Part 1

Format	Color
Hex	515B3A
RGB	81, 91, 58
RGB Percent	32%, 36%, 23%
CMY	0.6824, 0.6431, 0.7725
CMYK	0.11, 0.00, 0.36, 0.64
HSL	78°, 22%, 29%
HSV	78°, 36%, 36%
XYZ	7.8981, 9.5370, 5.4275
YIQ	84.2480, 4.6330, -12.3830

Conversions

Conversions Part 2

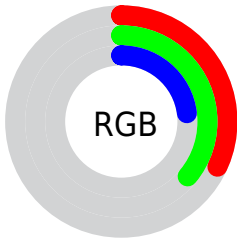
Format	Color
RYB	58, 91, 68
Decimal	5331770
CIELab	37.00, -10.25, 17.77
CIElCh	37, 20.516, 119.981
Yxy	9.5370, 0.3455, 0.4171
Android (android.graphics.Color)	4283521850 (0xFF515B3A)
YUV	84.2480, -12.9403, -2.8485
Hunter-Lab	30.8820, -8.3918, 11.1972

Details

The YUV color **84.2480, -12.9403, -2.8485** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **64.7520, 12.9403, 2.8485**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.0200, -13.8139, -2.6485**, and **38.8890, -11.7773, -2.5337** is the 20% darker color. If you saturate the color by 10%, you get **82.3250, -16.4292, -3.7930**, and if you desaturate by 10%, it is **86.1710, -9.4513, -1.9040**.

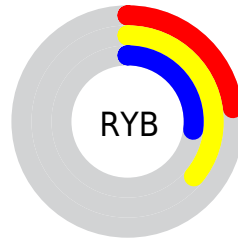
Distribution



Red (32%)

Green (36%)

Blue (23%)



Red (23%)

Yellow (36%)

Blue (27%)

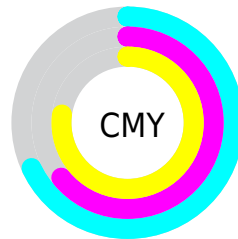


Cyan (11%)

Magenta (0%)

Yellow (36%)

Black (64%)



Cyan (68%)

Magenta (64%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.2480, -12.9403, -2.8485 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 84.2480, -12.9403, -2.8485 by changing the saturation by 10% instead.

■ 84.2480, -12.9403,
-2.8485

■ 84.2480, -12.9403,
-2.8485

■ 255.0000, 0.0000,
0.0000

■ 61.3620, -12.5035,
-2.9485

■ 134.0200,
-13.8139, -2.6485

■ 38.8890, -11.7773,
-2.5337

■ 160.4930,
-14.5400, -3.0634

■ 18.2630, -9.0037,
-5.4927

■ 187.3790,
-14.9768, -2.9634

■ 0.0000, 0.0000,
0.0000

■ 215.2650,
-15.4136, -2.8634

■ 243.2650,
-15.4136, -2.8634

■ 253.2900, -6.5520,

1.4997

■ 84.2480, -12.9403,
-2.8485

■ 84.2480, -12.9403,
-2.8485

■ 82.3250, -16.4292,
-3.7930

■ 86.1710, -9.4513,
-1.9040

■ 80.4020, -19.9182,
-4.7376

■ 88.0940, -5.9623,
-0.9594

■ 78.7780, -23.5546,
-5.0673

■ 89.7180, -2.3260,
-0.6297

■ 76.8550, -27.0435,
-6.0118

■ 91.6410, 1.1630,
0.3148

■ 74.8180, -30.9693,
-6.8564

■ 93.6780, 5.0887,
1.1594

■ 72.8950, -34.4582,
-7.8009

■ 95.6010, 8.5777,
2.1039

■ 72.2540, -35.6212,
-8.1158

■ 97.2250, 12.2141,
2.4337

■ 99.1480, 15.7030,
3.3782

■ 101.0710, 19.1920,
4.3227

Harmonies

Analogous

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



85.9400, -15.7464, 10.5766



84.2480, -12.9403, -2.8485



81.6960, -5.7661, -17.2734

Triad

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



84.2480, -12.9403, -2.8485



79.6610, 17.4221, -34.7827



89.3390, -0.6601, 25.1357

Complementary

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



84.2480, -12.9403, -2.8485



64.7520, 12.9403, 2.8485

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.



89.3470, 7.2239, 16.3587



84.2480, -12.9403, -2.8485



85.0590, 17.2259, -18.4687

Square

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



84.2480, -12.9403, -2.8485



76.7650, 12.9339, -41.8899



88.5560, 13.5299, 0.3894



88.2870, -8.5225, 26.9353

Rectangle

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



84.2480, -12.9403, -2.8485



79.9380, 0.5236, -28.0096



88.5560, 13.5299, 0.3894



89.3110, 1.8187, 23.4063

Sweetspot

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



84.2480, -12.9403, -2.8485



114.3220, -5.0887, -1.1594



73.7370, -7.7583, 15.1397



57.1910, -3.0522, -1.0445



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.



84.2480, -12.9403, -2.8485



106.7010, -20.0656, -4.1228



79.4640, -10.5818, -12.6849



45.1310, -2.0366, -0.1149



87.2940, -43.0359, -9.9048



188.4540, -92.9078, -20.5692

Inverse Universe

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



64.7520, 12.9403, 2.8485



76.2990, 20.0656, 4.1228



69.5360, 10.5818, 12.6849



42.1680, 1.8892, 0.7297



22.4070, 43.1833, 9.2901



48.5460, 92.9078, 20.5692

Previews

White Background



This preview shows how the YUV color 84.2480, -12.9403, -2.8485 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 84.2480, -12.9403, -2.8485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

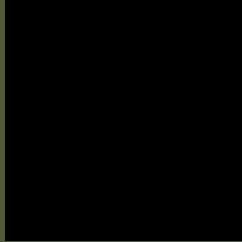
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.2480, -12.9403, -2.8485

Background



This preview shows how black text looks on a background with the YUV color 84.2480, -12.9403, -2.8485.



This preview shows how white text looks on a background with the YUV color 84.2480, -12.9403, -2.8485.

-2.8485.

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

84.2480, -12.9403, -2.8485

Protanopia

85.8580, -14.7200, 8.0175

Deuteranopia

86.6570, -13.1419, 15.2098



Tritanopia

87.4990, 3.2050, -1.3146

Trichromacy



Original Color

84.2480, -12.9403, -2.8485

Protanomaly

85.0640, -13.8356, 4.3289

Deuteranomaly

85.9120, -13.2676, 8.8472

Tritanomaly

86.0060, -2.4680, -1.7593

Monochromacy



Original Color

84.2480, -12.9403, -2.8485

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

84.4360, -4.6519, -1.2594

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.2480, -12.9403, -2.8485 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(81, 91, 58)` looks like.

```
.text, #text, p{  
    color:rgb(81, 91, 58)  
}
```

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(81, 91, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 91, 58) }
```

Border

The CSS property to change the border of an element to YUV 84.2480, -12.9403, -2.8485 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(81, 91, 58) }
```


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

```
.border{ border-color:rgb(81, 91, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 91, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 91, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 91, 58);  
box-shadow:4px 4px 4px 4px rgb(81, 91, 58)  
}
```

Background

The CSS property to change the background color of an element to YUV 84.2480, -12.9403, -2.8485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 91, 58) }
```

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

```
.background{ background-color: rgb(81, 91,  
58) }
```

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