

Converting Colors

YUV(83.1830, 2.3748, -15.0695)

Have a look what the booklet for
YUV(83.1830, 2.3748, -15.0695)
contains.

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Color

**YUV(83.1830, 2.3748,
-15.0695)**

Conversions

Conversions Part 1

Format	Color
Hex	425B58
RGB	66, 91, 88
RGB Percent	26%, 36%, 35%
CMY	0.7412, 0.6431, 0.6549
CMYK	0.27, 0.00, 0.03, 0.64
HSL	173°, 16%, 31%
HSV	173°, 27%, 36%
XYZ	7.7493, 9.3450, 10.6279
YIQ	83.1830, -13.9370, -6.2330

Conversions

Conversions Part 2

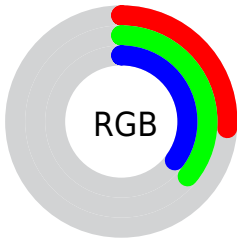
Format	Color
RYB	66, 79, 91
Decimal	4348760
CIELab	36.64, -10.09, -1.33
CIElCh	37, 10.175, 187.491
Yxy	9.3450, 0.2795, 0.3371
Android (android.graphics.Color)	4282538840 (0xFF425B58)
YUV	83.1830, 2.3748, -15.0695
Hunter-Lab	30.5696, -8.2476, 0.7859

Details

The YUV color **83.1830, 2.3748, -15.0695** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **73.8170, -2.3748, 15.0695**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.8840, 2.5222, -15.6843**, and **37.5960, 2.6642, -14.5547** is the 20% darker color. If you saturate the color by 10%, you get **80.3780, 3.2646, -20.5025**, and if you desaturate by 10%, it is **85.9880, 1.4849, -9.6365**.

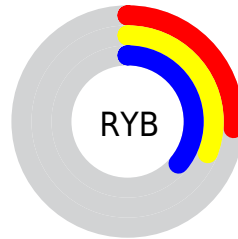
Distribution



Red (26%)

Green (36%)

Blue (35%)



Red (26%)

Yellow (31%)

Blue (36%)

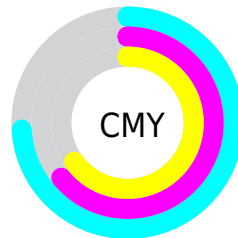


Cyan (27%)

Magenta (0%)

Yellow (3%)

Black (64%)



Cyan (74%)

Magenta (64%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.1830, 2.3748, -15.0695 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 83.1830, 2.3748, -15.0695 by changing the saturation by 10% instead.

■ 83.1830, 2.3748,
-15.0695

■ 83.1830, 2.3748,
-15.0695

■ 255.0000, 0.0000,
0.0000

■ 59.5960, 2.6642,
-14.5547

■ 132.8840, 2.5222,
-15.6843

■ 37.5960, 2.6642,
-14.5547

■ 159.1720, 2.3802,
-16.8138

■ 17.1830, 2.3748,
-15.0695

■ 186.1720, 2.3802,
-16.8138

■ 0.0000, 0.0000,
0.0000

■ 213.8730, 2.5276,
-17.4286

■ 241.8730, 2.5276,
-17.4286

■ 253.8040, 0.5896,

-2.4591

■ 83.1830, 2.3748,
-15.0695

■ 83.1830, 2.3748,
-15.0695

■ 80.3780, 3.2646,
-20.5025

■ 85.9880, 1.4849,
-9.6365

■ 77.5730, 4.1545,
-25.9355

■ 88.7930, 0.5951,
-4.2035

■ 74.7680, 5.0444,
-31.3685

■ 91.5980, -0.2948,
1.2296

■ 71.9630, 5.9342,
-36.8016

■ 94.4030, -1.1847,
6.6626

■ 68.8590, 6.9715,
-42.8493

■ 97.5070, -2.2220,
12.7104

■ 65.9400, 7.4246,
-48.1824

■ 100.4260, -2.6750,
18.0434

■ 63.1350, 8.3144,
-53.6154

■ 103.2310, -3.5649,
23.4764

■ 62.5370, 8.6093,
-54.8449

■ 106.0360, -4.4547,
28.9094

■ 108.8410, -5.3446,
34.3424

Harmonies

Analogous

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



83.4780, -1.7147, -10.0662



83.1830, 2.3748, -15.0695



83.2090, 6.3060, -15.9693

Triad

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



83.1830, 2.3748, -15.0695



86.9170, 5.9569, 2.7038



86.7040, -7.7421, 9.9066

Complementary

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



83.1830, 2.3748, -15.0695



73.8170, -2.3748, 15.0695

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.



87.1220, -4.9901, 13.9250



83.1830, 2.3748, -15.0695



87.7500, 2.5882, 9.8663

Square

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



83.1830, 2.3748, -15.0695



86.0300, 7.8732, -5.2883



87.9200, -1.9326, 13.2252



85.6710, -7.7258, 4.6735

Rectangle

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



83.1830, 2.3748, -15.0695



83.9750, 7.9003, -14.0101



87.9200, -1.9326, 13.2252



86.9430, -6.8739, 11.4510

Sweetspot

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



83.1830, 2.3748, -15.0695



114.1950, 0.8899, -5.4330



81.5720, -7.6770, -11.0256



57.0920, 0.4476, -3.5887



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.



83.1830, 2.3748, -15.0695



105.1820, 3.8543, -22.9616



78.2420, 6.2897, -10.7362



44.3910, 0.3002, -2.9739



75.5140, 10.0996, -66.2258



162.9450, 22.7051, -142.9028

Inverse Universe

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



73.8170, -2.3748, 15.0695



90.8180, -3.8543, 22.9616



78.7580, -6.2897, 10.7362



42.6090, -0.3002, 2.9739



34.3720, -10.5364, 66.3258



74.0550, -22.7051, 142.9028

Previews

White Background



This preview shows how the YUV color 83.1830, 2.3748, -15.0695 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 83.1830, 2.3748, -15.0695 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 83.1830, 2.3748, -15.0695

Background



This preview shows how black text looks on a background with the YUV color 83.1830, 2.3748, -15.0695.



This preview shows how white text looks on a background with the YUV color 83.1830, 2.3748, -15.0695.

-15.0695.

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

83.1830, 2.3748, -15.0695

Protanopia

86.4840, -0.7316, 1.3295

Deuteranopia

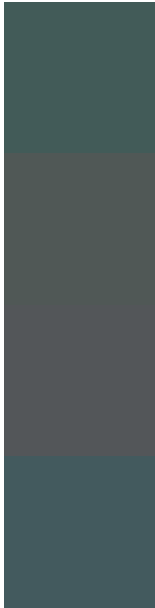
86.7880, 1.5835, 5.4479



Tritanopia

84.2200, 6.3005, -14.2249

Trichromacy



Original Color

83.1830, 2.3748, -15.0695

Protanomaly

85.3800, 0.3057, -4.7183

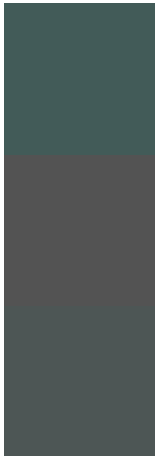
Deuteranomaly

85.4450, 1.7526, -2.1443

Tritanomaly

83.5790, 5.1376, -14.5398

Monochromacy



Original Color

83.1830, 2.3748, -15.0695

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

83.1950, 0.8899, -5.4330

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.1830, 2.3748, -15.0695 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(66, 91, 88)` looks like.

```
.text, #text, p{  
    color:rgb(66, 91, 88)  
}
```

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(66, 91, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 91, 88) }
```

Border

The CSS property to change the border of an element to YUV 83.1830, 2.3748, -15.0695 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(66, 91, 88) }
```


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

```
.border{ border-color:rgb(66, 91, 88) }
```

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

Here you see how a box with a 4 pixel rgb(66, 91, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 91, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 91, 88);  
box-shadow:4px 4px 4px 4px rgb(66, 91, 88)  
}
```

Background

The CSS property to change the background color of an element to YUV 83.1830, 2.3748, -15.0695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 91, 88) }
```

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

```
.background{ background-color: rgb(66, 91,  
88) }
```

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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