

Converting Colors

YUV(83.4950, 9.1230, -32.8831)

Have a look what the booklet for
YUV(83.4950, 9.1230, -32.8831)
contains.

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Color

**YUV(83.4950, 9.1230,
-32.8831)**

Conversions

Conversions Part 1

Format	Color
Hex	2E6366
RGB	46, 99, 102
RGB Percent	18%, 39%, 40%
CMY	0.8196, 0.6118, 0.6000
CMYK	0.55, 0.03, 0.00, 0.60
HSL	183°, 38%, 29%
HSV	183°, 55%, 40%
XYZ	7.9868, 10.4638, 14.1691
YIQ	83.4950, -32.5510, -10.3030

Conversions

Conversions Part 2

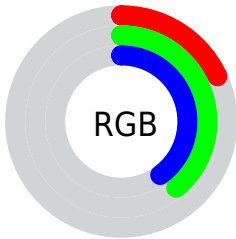
Format	Color
RYB	46, 73, 102
Decimal	3040102
CIELab	38.66, -16.61, -7.10
CIElCh	39, 18.067, 203.157
Yxy	10.4638, 0.2448, 0.3208
Android (android.graphics.Color)	4281230182 (0xFF2E6366)
YUV	83.4950, 9.1230, -32.8831
Hunter-Lab	32.3478, -12.5363, -3.3270




Details

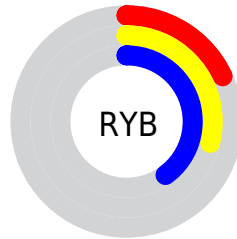
The YUV color **83.4950, 9.1230, -32.8831** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **64.5050, -9.1230, 32.8831**, and the grayscale version is **83.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **134.4950, 9.1230, -32.8831**, and **36.7940, 8.9756, -32.2683** is the 20% darker color. If you saturate the color by 10%, you get **79.9180, 10.8864, -38.5161**, and if you desaturate by 10%, it is **87.0720, 7.3595, -27.2501**.

Distribution







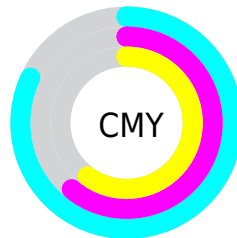
-  Red (18%)
-  Green (39%)
-  Blue (40%)






-  Red (18%)
-  Yellow (29%)
-  Blue (40%)



-  Cyan (55%)
-  Magenta (3%)
-  Yellow (0%)
-  Black (60%)



-  Cyan (82%)
-  Magenta (61%)
-  Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.4950, 9.1230, -32.8831 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 83.4950, 9.1230, -32.8831 by changing the saturation by 10% instead.

83.4950, 9.1230,
-32.8831

83.4950, 9.1230,
-32.8831

255.0000, 0.0000,
0.0000

58.2990, 9.7126,
-35.3422

134.4950, 9.1230,
-32.8831

36.7940, 8.9756,
-32.2683

161.4950, 9.1230,
-32.8831

22.0730, 5.8800,
-19.3580

188.1960, 9.2704,
-33.4979

1.3680, 5.2416,
-1.1997

216.1960, 9.2704,
-33.4979

0.0000, 0.0000,
0.0000

240.3490, 7.2229,
-30.1241

249.0200, 2.9481,

-12.2955

■ 83.4950, 9.1230,
-32.8831

■ 83.4950, 9.1230,
-32.8831

■ 79.9180, 10.8864,
-38.5161

■ 87.0720, 7.3595,
-27.2501

■ 76.9280, 12.3605,
-44.6639

■ 90.0620, 5.8854,
-21.1024

■ 73.0520, 14.2714,
-50.9116

■ 93.9380, 3.9746,
-14.8546

■ 70.0620, 15.7454,
-57.0594

■ 96.9280, 2.5005,
-8.7069

■ 68.5670, 16.4825,
-60.1333

■ 100.5050, 0.7370,
-3.0739

■ 103.4950, -0.7370,
3.0739

■ 107.0720, -2.5005,
8.7069

■ 110.3610, -4.1220,
15.4694

■ 113.9380, -5.8854,
21.1024

Harmonies

Analogous

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



85.0740, 0.9495, -24.6209



83.4950, 9.1230, -32.8831



84.8850, 14.3537, -30.5941

Triad

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



83.4950, 9.1230, -32.8831



93.7270, 7.5296, 11.6404



90.7060, -14.1521, 12.5358

Complementary

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



83.4950, 9.1230, -32.8831



64.5050, -9.1230, 32.8831

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.



91.7440, -11.7058, 21.2725



83.4950, 9.1230, -32.8831



93.6590, 0.6611, 21.3471

Square

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



83.4950, 9.1230, -32.8831



91.7190, 12.9565, -2.3846



92.8460, -6.3331, 24.6911



89.3840, -12.5143, 0.5402

Rectangle

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



83.4950, 9.1230, -32.8831



87.5700, 15.4950, -23.3019



92.8460, -6.3331, 24.6911



90.8420, -13.7261, 15.9246

Sweetspot

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



83.4950, 9.1230, -32.8831



125.2480, 3.8217, -12.4955



79.2140, -14.8955, -29.1287



62.4120, 1.7689, -7.3773



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



83.4950, 9.1230, -32.8831



103.7530, 14.4188, -51.5264



67.0590, 17.2259, -18.4687



49.5050, 0.7370, -3.0739



77.0930, 18.6882, -67.6106



162.0110, 39.4346, -142.0836

Inverse Universe

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



68.7860, 14.8955, 29.1287



80.7740, 23.2824, 45.8022



80.9410, -17.2259, 18.4687



48.0650, 1.4470, 2.5740



46.8110, 30.6592, 59.8018



98.4640, 64.3542, 125.8811

Previews

White Background



This preview shows how the YUV color 83.4950, 9.1230, -32.8831 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 × Fail

Black Background



This preview shows how the YUV color 83.4950, 9.1230, -32.8831 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

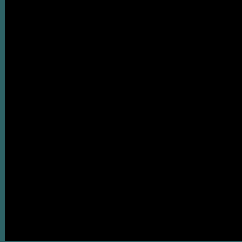
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.4950, 9.1230, -32.8831

Background



This preview shows how black text looks on a background with the YUV color 83.4950, 9.1230, -32.8831.



This preview shows how white text looks on a background with the YUV color 83.4950, 9.1230,

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

83.4950, 9.1230, -32.8831

Protanopia

90.9830, 2.4734, 0.0149

Deuteranopia

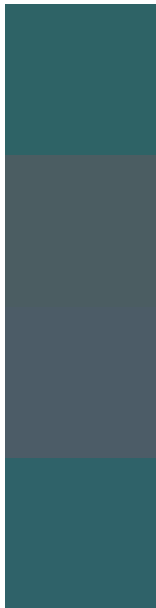
91.3190, 6.2517, 1.4742



Tritanopia

83.9620, 10.8647, -31.5387

Trichromacy



Original Color

83.4950, 9.1230, -32.8831

Protanomaly

88.1880, 4.8373, -11.5659

Deuteranomaly

88.4700, 7.1633, -10.9362

Tritanomaly

83.5490, 10.5753, -32.0535

Monochromacy



Original Color

83.4950, 9.1230, -32.8831

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

83.4330, 3.2375, -11.7807

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.4950, 9.1230, -32.8831 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(46, 99, 102)` looks like.

```
.text, #text, p{  
    color:rgb(46, 99, 102)  
}
```

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(46, 99, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 99, 102) }
```

Border

The CSS property to change the border of an element to YUV 83.4950, 9.1230, -32.8831 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(46, 99, 102) }
```


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

```
.border{ border-color:rgb(46, 99, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 99, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 99, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 99, 102);  
box-shadow:4px 4px 4px 4px rgb(46, 99,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 83.4950, 9.1230, -32.8831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 99, 102) }
```

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

```
.background{ background-color: rgb(46, 99,  
102) }
```

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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