

Converting Colors

YUV(83.0170, -9.3754, -26.3249)

Have a look what the booklet for
YUV(83.0170, -9.3754, -26.3249)
contains.

YUV(83.0170, -9.3754, -26.3249)	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(83.0170, -9.3754,
-26.3249)**

Conversions

Conversions Part 1

Format	Color
Hex	356640
RGB	53, 102, 64
RGB Percent	21%, 40%, 25%
CMY	0.7922, 0.6000, 0.7490
CMYK	0.48, 0.00, 0.37, 0.60
HSL	133°, 32%, 30%
HSV	133°, 48%, 40%
XYZ	7.1450, 10.6298, 6.5257
YIQ	83.0170, -17.0060, -22.2060

Conversions

Conversions Part 2

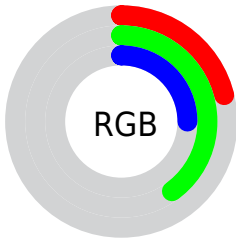
Format	Color
RYB	53, 93, 102
Decimal	3499584
CIELab	38.95, -25.83, 16.47
CIElCh	39, 30.638, 147.475
Yxy	10.6298, 0.2940, 0.4374
Android (android.graphics.Color)	4281689664 (0xFF356640)
YUV	83.0170, -9.3754, -26.3249
Hunter-Lab	32.6034, -17.9378, 10.9553

Details

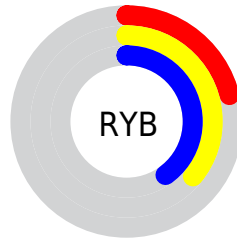
The YUV color **83.0170, -9.3754, -26.3249** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **71.9830, 9.3754, 26.3249**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.3760, -10.5384, -26.6398**, and **34.3910, -6.6018, -29.2839** is the 20% darker color. If you saturate the color by 10%, you get **79.1150, -11.3957, -31.6729**, and if you desaturate by 10%, it is **86.9190, -7.3551, -20.9770**.

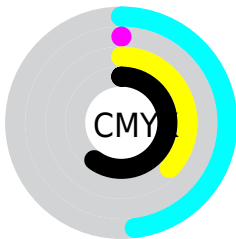
Distribution



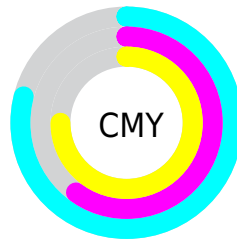
- Red (21%)
- Green (40%)
- Blue (25%)



- Red (21%)
- Yellow (36%)
- Blue (40%)



- Cyan (48%)
- Magenta (0%)
- Yellow (37%)
- Black (60%)



- Cyan (79%)
- Magenta (60%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.0170, -9.3754, -26.3249 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 83.0170, -9.3754, -26.3249 by changing the saturation by 10% instead.

■ 83.0170, -9.3754,
-26.3249

■ 83.0170, -9.3754,
-26.3249

■ 255.0000, 0.0000,
0.0000

■ 58.9460, -8.3544,
-27.1396

■ 133.3760,
-10.5384, -26.6398

■ 34.3910, -6.6018,
-29.2839

■ 159.9630,
-10.8278, -27.1546

■ 19.9580, -9.8393,
-17.5032

■ 187.1370,
-11.4065, -28.1841

■ 0.0000, 0.0000,
0.0000

■ 215.0230,
-11.8433, -28.0842

■ 237.7400, -9.2388,
-23.4510

■ 249.4180, -0.6991,

-9.1366

■ 83.0170, -9.3754,
-26.3249

■ 83.0170, -9.3754,
-26.3249

■ 79.1150, -11.3957,
-31.6729

■ 86.9190, -7.3551,
-20.9770

■ 75.2130, -13.4160,
-37.0208

■ 90.8210, -5.3348,
-15.6290

■ 71.0120, -15.2889,
-42.9835

■ 95.0220, -3.4618,
-9.6663

■ 67.1100, -17.3092,
-48.3315

■ 98.9240, -1.4415,
-4.3183

■ 63.2080, -19.3295,
-53.6794

■ 102.8260, 0.5788,
1.0296

■ 62.4960, -19.4715,
-54.8090

■ 106.6140, 2.1623,
6.4775

■ 110.5160, 4.1826,
11.8255

■ 114.7170, 6.0555,
17.7882

■ 118.6190, 8.0758,
23.1361

Harmonies

Analogous

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



87.2990, -20.3604, -2.8932



83.0170, -9.3754, -26.3249



71.1940, 8.7784, -62.4371

Triad

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



83.0170, -9.3754, -26.3249



84.9950, 27.6105, -35.9526



92.0930, -10.8918, 40.2604

Complementary

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



83.0170, -9.3754, -26.3249



71.9830, 9.3754, 26.3249

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.



93.1710, 0.9017, 37.5610



83.0170, -9.3754, -26.3249



92.8960, 21.2503, -2.5398

Square

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



83.0170, -9.3754, -26.3249



74.4490, 28.8656, -65.2918



94.9440, 11.8596, 22.8511



91.5190, -20.4689, 31.9938

Rectangle

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



83.0170, -9.3754, -26.3249



73.1320, 16.2039, -64.1368



94.9440, 11.8596, 22.8511



92.7170, -7.2555, 40.5902

Sweetspot

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



83.0170, -9.3754, -26.3249



125.6090, -3.7512, -10.1811



93.1250, -19.7816, -1.8636



61.7990, -1.8729, -5.9627



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.



83.0170, -9.3754, -26.3249



103.1370, -14.8575, -41.3391



85.7530, 1.1078, -28.7244



49.0490, -1.0102, -2.6740



70.4690, -21.9232, -61.8013



148.2100, -46.4455, -129.9802

Inverse Universe

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



71.9830, 9.3754, 26.3249



85.7490, 14.4207, 41.4391



69.2470, -1.1078, 28.7244



47.9510, 1.0102, 2.6740



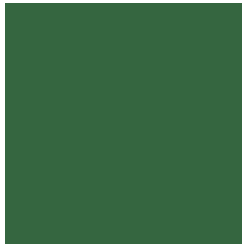
44.5310, 21.9232, 61.8013



93.7900, 46.4455, 129.9802

Previews

White Background



This preview shows how the YUV color 83.0170, -9.3754, -26.3249 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 83.0170, -9.3754, -26.3249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

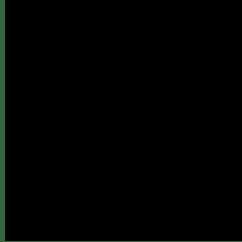
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.0170, -9.3754, -26.3249

Background



This preview shows how black text looks on a background with the YUV color 83.0170, -9.3754, -26.3249.



This preview shows how white text looks on a background with the YUV color 83.0170, -9.3754,

-26.3249.

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

83.0170, -9.3754, -26.3249

Protanopia

89.8580, -14.7200, 8.0175

Deuteranopia

91.5860, -12.1209, 14.3951



Tritanopia

87.7460, 8.5062, -21.7022

Trichromacy



Original Color

83.0170, -9.3754, -26.3249

Protanomaly

87.2370, -12.9348, -4.5928

Deuteranomaly

88.4270, -11.0565, -0.3745

Tritanomaly

86.0140, 1.9651, -23.6913

Monochromacy



Original Color

83.0170, -9.3754, -26.3249

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

83.0220, -3.4618, -9.6663

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.0170, -9.3754, -26.3249 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(53, 102, 64)` looks like.

```
.text, #text, p{  
    color:rgb(53, 102, 64)  
}
```

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(53, 102, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 102, 64) }
```

Border

The CSS property to change the border of an element to YUV 83.0170, -9.3754, -26.3249 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(53, 102, 64) }
```


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

```
.border{ border-color:rgb(53, 102, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 102, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 102, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 102, 64);  
box-shadow:4px 4px 4px 4px rgb(53, 102,  
64) }
```

Background

The CSS property to change the background color of an element to YUV 83.0170, -9.3754, -26.3249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 102, 64) }
```

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

```
.background{ background-color: rgb(53, 102,  
64) }
```

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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