

Converting Colors

YUV(83.1860, 7.7963, -27.3501)

Have a look what the booklet for
YUV(83.1860, 7.7963, -27.3501)
contains.

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Color

**YUV(83.1860, 7.7963,
-27.3501)**

Conversions

Conversions Part 1

Format	Color
Hex	346063
RGB	52, 96, 99
RGB Percent	20%, 38%, 39%
CMY	0.7961, 0.6235, 0.6118
CMYK	0.47, 0.03, 0.00, 0.61
HSL	184°, 31%, 30%
HSV	184°, 47%, 39%
XYZ	7.8512, 9.9967, 13.3201
YIQ	83.1860, -27.1870, -8.3950

Conversions

Conversions Part 2

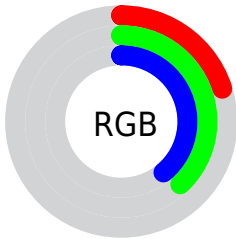
Format	Color
R_{YB}	52, 75, 99
Decimal	3432547
CIE _{Lab}	37.84, -14.30, -6.46
CIE _{LCh}	38, 15.691, 204.322
Yxy	9.9967, 0.2519, 0.3207
Android (android.graphics.Color)	4281622627 (0xFF346063)
YUV	83.1860, 7.7963, -27.3501
Hunter-Lab	31.6175, -11.0059, -2.8460

Details

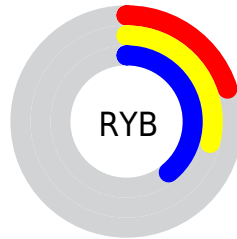
The YUV color **83.1860, 7.7963, -27.3501** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **67.8140, -7.7963, 27.3501**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.8870, 7.9437, -27.9649**, and **35.3920, 8.6807, -31.0388** is the 20% darker color. If you saturate the color by 10%, you get **79.6090, 9.5598, -32.9831**, and if you desaturate by 10%, it is **86.7630, 6.0328, -21.7172**.

Distribution



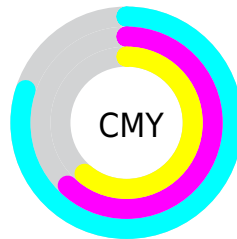
- Red (20%)
- Green (38%)
- Blue (39%)



- Red (20%)
- Yellow (29%)
- Blue (39%)



- Cyan (47%)
- Magenta (3%)
- Yellow (0%)
- Black (61%)



- Cyan (80%)
- Magenta (62%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.1860, 7.7963, -27.3501 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 83.1860, 7.7963, -27.3501 by changing the saturation by 10% instead.

83.1860, 7.7963,
-27.3501

83.1860, 7.7963,
-27.3501

255.0000, 0.0000,
0.0000

58.8870, 7.9437,
-27.9649

133.8870, 7.9437,
-27.9649

35.3920, 8.6807,
-31.0388

159.8870, 7.9437,
-27.9649

20.5570, 5.1484,
-18.0285

187.5880, 8.0911,
-28.5797

0.7980, 3.0576,
-0.6998

215.2890, 8.2385,
-29.1945

0.0000, 0.0000,
0.0000

241.5450, 6.6333,
-27.6650

250.2160, 2.3585,

-9.8364

■ 83.1860, 7.7963,
-27.3501

■ 83.1860, 7.7963,
-27.3501

■ 79.6090, 9.5598,
-32.9831

■ 86.7630, 6.0328,
-21.7172

■ 76.6190, 11.0338,
-39.1309

■ 89.7530, 4.5588,
-15.5694

■ 73.0420, 12.7973,
-44.7638

■ 93.3300, 2.7953,
-9.9364

■ 69.4650, 14.5608,
-50.3968

■ 96.9070, 1.0318,
-4.3034

■ 66.7740, 15.8874,
-55.9298

■ 99.8970, -0.4422,
1.8443

■ 65.8770, 16.3296,
-57.7741

■ 103.1750, -2.0583,
6.8625

■ 106.1650, -3.5323,
13.0103

■ 109.7420, -5.2958,
18.6433

■ 113.3190, -7.0593,
24.2762

Harmonies

Analogous

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



84.0960, 0.9387, -21.1322



83.1860, 7.7963, -27.3501



84.3480, 12.1534, -24.8612

Triad

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



83.1860, 7.7963, -27.3501



90.7870, 6.5140, 10.7108



88.5640, -12.1101, 10.9064

Complementary

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



83.1860, 7.7963, -27.3501



67.8140, -7.7963, 27.3501

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.



89.4770, -10.0952, 17.9987



83.1860, 7.7963, -27.3501



91.2350, 0.3771, 19.0879

Square

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



83.1860, 7.7963, -27.3501



90.1490, 10.7725, -1.8847



90.3510, -5.5960, 21.6172



86.9540, -10.3303, 0.0403

Rectangle

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



83.1860, 7.7963, -27.3501



86.3210, 13.1527, -18.6985



90.3510, -5.5960, 21.6172



88.9880, -11.8261, 13.1655

Sweetspot

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



83.1860, 7.7963, -27.3501



121.4440, 3.2321, -10.0364



79.8170, -12.7278, -24.3955



60.1240, 1.9109, -6.2477



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.



83.1860, 7.7963, -27.3501



103.2380, 12.2077, -42.3047



69.6850, 14.4523, -15.5097



46.8040, 0.5896, -2.4591



74.4030, 18.5353, -65.2514



158.8480, 40.0079, -139.3097

Inverse Universe

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



71.0690, 12.2910, 24.4955



84.5790, 18.9416, 38.0802



81.3150, -14.4523, 15.5097



45.6520, 1.1576, 2.0592



45.4580, 29.3542, 58.3573



97.2960, 62.4651, 125.1514

Previews

White Background



This preview shows how the YUV color 83.1860, 7.7963, -27.3501 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 83.1860, 7.7963, -27.3501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

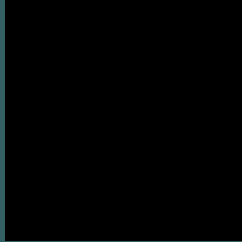
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.1860, 7.7963, -27.3501

Background



This preview shows how black text looks on a background with the YUV color 83.1860, 7.7963, -27.3501.



This preview shows how white text looks on a background with the YUV color 83.1860, 7.7963, -27.3501.

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

83.1860, 7.7963, -27.3501

Protanopia

88.9830, 2.4734, 0.0149

Deuteranopia

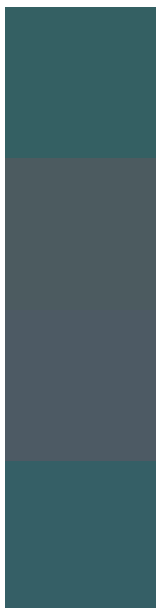
89.2050, 5.8149, 1.5742



Tritanopia

83.3540, 9.6855, -26.6205

Trichromacy



Original Color

83.1860, 7.7963, -27.3501

Protanomaly

87.0850, 4.3951, -9.7215

Deuteranomaly

87.2530, 6.2843, -8.9919

Tritanomaly

83.2400, 9.2487, -26.5205

Monochromacy



Original Color

83.1860, 7.7963, -27.3501

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

83.3300, 2.7953, -9.9364

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.1860, 7.7963, -27.3501 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(52, 96, 99)` looks like.

```
.text, #text, p{  
    color:rgb(52, 96, 99)  
}
```

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(52, 96, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 96, 99) }
```

Border

The CSS property to change the border of an element to YUV 83.1860, 7.7963, -27.3501 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(52, 96, 99) }
```


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

```
.border{ border-color:rgb(52, 96, 99) }
```

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

Here you see how a box with a 4 pixel rgb(52, 96, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 96, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 96, 99);  
box-shadow:4px 4px 4px 4px rgb(52, 96, 99)  
}
```

Background

The CSS property to change the background color of an element to YUV 83.1860, 7.7963, -27.3501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 96, 99) }
```

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

```
.background{ background-color: rgb(52, 96,  
99) }
```

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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