

Converting Colors

YUV(87.3840, 17.5587,
-31.9088)

Have a look what the booklet for
YUV(87.3840, 17.5587, -31.9088)
contains.

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Color

**YUV(87.3840, 17.5587,
-31.9088)**

Conversions

Conversions Part 1

Format	Color
Hex	33637B
RGB	51, 99, 123
RGB Percent	20%, 39%, 48%
CMY	0.8000, 0.6118, 0.5176
CMYK	0.59, 0.20, 0.00, 0.52
HSL	200°, 41%, 34%
HSV	200°, 59%, 48%
XYZ	9.4022, 11.0575, 20.3777
YIQ	87.3840, -36.3120, -2.7120

Conversions

Conversions Part 2

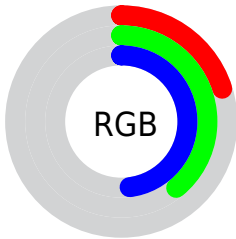
Format	Color
RYB	51, 80, 123
Decimal	3367803
CIELab	39.68, -8.75, -18.41
CIElCh	40, 20.377, 244.584
Yxy	11.0575, 0.2302, 0.2708
Android (android.graphics.Color)	4281557883 (0xFF33637B)
YUV	87.3840, 17.5587, -31.9088
Hunter-Lab	33.2529, -7.7218, -13.0564

Details

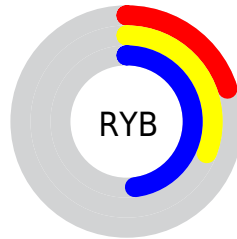
The YUV color **87.3840, 17.5587, -31.9088** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **86.6160, -17.5587, 31.9088**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.2100, 18.1375, -30.8792**, and **39.5470, 16.9853, -34.6827** is the 20% darker color. If you saturate the color by 10%, you get **81.4480, 20.4851, -37.2269**, and if you desaturate by 10%, it is **93.3200, 14.6322, -26.5906**.

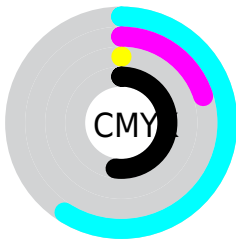
Distribution



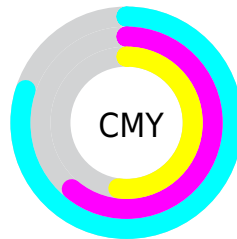
- Red (20%)
- Green (39%)
- Blue (48%)



- Red (20%)
- Yellow (31%)
- Blue (48%)



- Cyan (59%)
- Magenta (20%)
- Yellow (0%)
- Black (52%)



- Cyan (80%)
- Magenta (61%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.3840, 17.5587, -31.9088 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 87.3840, 17.5587, -31.9088 by changing the saturation by 10% instead.

87.3840, 17.5587,
-31.9088

87.3840, 17.5587,
-31.9088

255.0000, 0.0000,
0.0000

61.7750, 17.8589,
-34.8827

139.2100, 18.1375,
-30.8792

39.5470, 16.9853,
-34.6827

165.3240, 18.5743,
-30.9791

24.0110, 13.3056,
-21.0576

193.3240, 18.5743,
-30.9791

4.7080, 12.9620,
-4.1289

220.5690, 16.9745,
-31.1940

0.1140, 0.4368,
-0.1000

242.7410, 6.0437,
-25.2059

0.0000, 0.0000,
0.0000

251.4120, 1.7689,

-7.3773

■ 87.3840, 17.5587,
-31.9088

■ 87.3840, 17.5587,
-31.9088

■ 81.4480, 20.4851,
-37.2269

■ 93.3200, 14.6322,
-26.5906

■ 75.2130, 23.5590,
-43.1598

■ 99.5550, 11.5584,
-20.6577

■ 69.2770, 26.4854,
-48.4779

■ 105.4910, 8.6319,
-15.3396

■ 63.3410, 29.4119,
-53.7961

■ 111.4270, 5.7055,
-10.0215

■ 62.1560, 29.9961,
-54.5108

■ 118.2490, 2.3422,
-4.6034

■ 124.1850, -0.5842,
0.7148

■ 130.1210, -3.5107,
6.0329

■ 136.0570, -6.4371,
11.3510

■ 142.2920, -9.5110,
17.2839

Harmonies

Analogous

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



84.0040, 13.8020, -40.3455



87.3840, 17.5587, -31.9088



91.9670, 16.7783, -14.8801

Triad

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



87.3840, 17.5587, -31.9088



95.5950, -2.2653, 26.6652



90.4650, -12.0612, -4.7928

Complementary

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



87.3840, 17.5587, -31.9088



86.6160, -17.5587, 31.9088

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.



92.2280, -15.8884, 9.4470



87.3840, 17.5587, -31.9088



94.6460, -9.6855, 26.6205

Square

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



87.3840, 17.5587, -31.9088



96.0160, 5.9081, 18.4030



93.9350, -14.7580, 20.2280



87.7280, -4.3029, -19.9325

Rectangle

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



87.3840, 17.5587, -31.9088



94.4740, 14.5563, -2.1697



93.9350, -14.7580, 20.2280



91.3300, -13.9667, -0.2894

Sweetspot

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



87.3840, 17.5587, -31.9088



146.4590, 7.1687, -12.6805



96.0000, -10.3530, -39.4650



73.0960, 4.3897, -7.9772



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



87.3840, 17.5587, -31.9088



104.9070, 27.6538, -49.9074



66.2520, 27.9768, -13.3760



58.0320, 1.4632, -2.6591



62.9710, 30.5803, -55.2256



127.3440, 61.4554, -111.6807

Inverse Universe

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



78.0000, 10.3530, 39.4650



90.3370, 16.1029, 61.9715



107.7480, -27.9768, 13.3760



57.2500, 0.8628, 3.2887



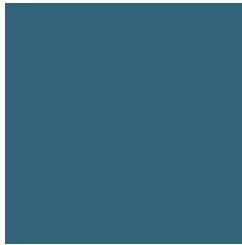
46.8370, 17.8284, 68.5490



94.5000, 36.2355, 138.1275

Previews

White Background



This preview shows how the YUV color 87.3840, 17.5587, -31.9088 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 87.3840, 17.5587, -31.9088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

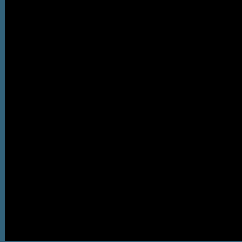
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 87.3840, 17.5587, -31.9088

Background



This preview shows how black text looks on a background with the YUV color 87.3840, 17.5587, -31.9088.



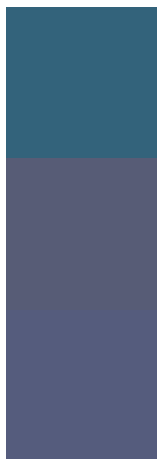
This preview shows how white text looks on a background with the YUV color 87.3840, 17.5587, -31.9088.

-31.9088.

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

87.3840, 17.5587, -31.9088

Protanopia

93.4690, 12.0938, -5.6733

Deuteranopia

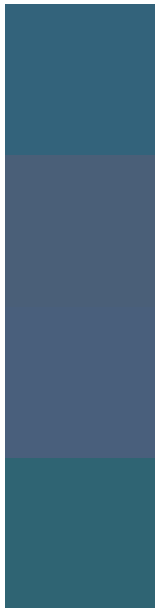
93.6690, 15.4462, -7.6027



Tritanopia

85.2820, 12.1860, -35.3273

Trichromacy



Original Color

87.3840, 17.5587, -31.9088

Protanomaly

91.5710, 14.0155, -15.4098

Deuteranomaly

91.7280, 15.9101, -16.4245

Tritanomaly

85.8630, 14.3645, -34.0829

Monochromacy



Original Color

87.3840, 17.5587, -31.9088

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.9430, 6.4371, -11.3510

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.3840, 17.5587, -31.9088 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(51, 99, 123)` looks like.

```
.text, #text, p{  
    color:rgb(51, 99, 123)  
}
```

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(51, 99, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 99, 123) }
```

Border

The CSS property to change the border of an element to YUV 87.3840, 17.5587, -31.9088 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(51, 99, 123) }
```


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

```
.border{ border-color:rgb(51, 99, 123) }
```

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

Here you see how a box with a 4 pixel rgb(51, 99, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 99, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 99, 123);  
box-shadow:4px 4px 4px 4px rgb(51, 99,  
123) }
```

Background

The CSS property to change the background color of an element to YUV 87.3840, 17.5587, -31.9088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 99, 123) }
```

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

```
.background{ background-color: rgb(51, 99,  
123) }
```

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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