

Converting Colors

YUV(87.0840, 5.8746, -17.6137)

Have a look what the booklet for
YUV(87.0840, 5.8746, -17.6137)
contains.

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Color

**YUV(87.0840, 5.8746,
-17.6137)**

Conversions

Conversions Part 1

Format	Color
Hex	435F63
RGB	67, 95, 99
RGB Percent	26%, 37%, 39%
CMY	0.7373, 0.6275, 0.6118
CMYK	0.32, 0.04, 0.00, 0.61
HSL	188°, 19%, 33%
HSV	188°, 32%, 39%
XYZ	8.6591, 10.2786, 13.3320
YIQ	87.0840, -17.9720, -4.6920

Conversions

Conversions Part 2

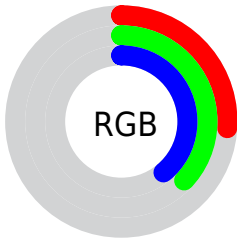
Format	Color
RYB	67, 82, 99
Decimal	4415331
CIELab	38.34, -9.23, -5.63
CIELCh	38, 10.813, 211.363
Yxy	10.2786, 0.2683, 0.3185
Android (android.graphics.Color)	4282605411 (0xFF435F63)
YUV	87.0840, 5.8746, -17.6137
Hunter-Lab	32.0602, -7.8946, -2.2131

Details

The YUV color **87.0840, 5.8746, -17.6137** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **78.9160, -5.8746, 17.6137**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.8990, 6.4588, -18.3284**, and **41.0840, 5.8746, -17.6137** is the 20% darker color. If you saturate the color by 10%, you get **83.5070, 7.6380, -23.2466**, and if you desaturate by 10%, it is **90.6610, 4.1111, -11.9807**.

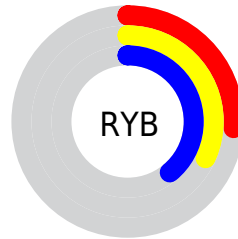
Distribution



Red (26%)

Green (37%)

Blue (39%)



Red (26%)

Yellow (32%)

Blue (39%)

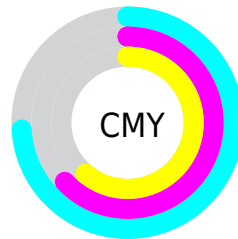


Cyan (32%)

Magenta (4%)

Yellow (0%)

Black (61%)



Cyan (74%)

Magenta (63%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.0840, 5.8746, -17.6137 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 87.0840, 5.8746, -17.6137 by changing the saturation by 10% instead.

■ 87.0840, 5.8746,
-17.6137

■ 87.0840, 5.8746,
-17.6137

255.0000, 0.0000,
0.0000

■ 63.3830, 5.7272,
-16.9989

■ 136.8990, 6.4588,
-18.3284

■ 41.0840, 5.8746,
-17.6137

■ 163.4860, 6.1694,
-18.8432

■ 19.9700, 5.4378,
-17.5137

■ 190.6000, 6.6062,
-18.9432

■ 0.7980, 3.0576,
-0.6998

■ 218.3010, 6.7536,
-19.5580

■ 0.0000, 0.0000,
0.0000

■ 245.7310, 4.5696,
-19.0581

254.4020, 0.2948,

-1.2296

■ 87.0840, 5.8746,
-17.6137

■ 87.0840, 5.8746,
-17.6137

■ 83.5070, 7.6380,
-23.2466

■ 90.6610, 4.1111,
-11.9807

■ 79.9300, 9.4015,
-28.8796

■ 94.2380, 2.3477,
-6.3477

■ 75.7660, 11.4544,
-33.9978

■ 98.4020, 0.2948,
-1.2296

■ 72.1890, 13.2178,
-39.6308

■ 101.9790, -1.4686,
4.4034

■ 68.9110, 14.8339,
-44.6489

■ 105.5560, -3.2321,
10.0364

■ 65.3340, 16.5973,
-50.2819

■ 108.8340, -4.8482,
15.0546

■ 62.3550, 18.0660,
-54.6853

■ 112.9980, -6.9010,
20.1728

■ 116.5750, -8.6645,
25.8057

■ 120.1520,
-10.4279, 31.4387

Harmonies

Analogous

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



86.9550, 1.5012, -14.8695



87.0840, 5.8746, -17.6137



87.7900, 8.4845, -14.7248

Triad

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



87.0840, 5.8746, -17.6137



91.6790, 3.6093, 9.0515



90.1550, -8.4574, 6.0031

Complementary

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



87.0840, 5.8746, -17.6137



78.9160, -5.8746, 17.6137

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.



90.7150, -7.7475, 11.6509



87.0840, 5.8746, -17.6137



91.8600, -0.9170, 14.1548

Square

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



87.0840, 5.8746, -17.6137



91.1340, 6.8359, 0.7595



91.5350, -4.7008, 14.4398



88.5670, -6.6885, -1.3743

Rectangle

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



87.0840, 5.8746, -17.6137



89.2250, 8.7631, -10.7213



91.5350, -4.7008, 14.4398



90.4650, -8.6102, 8.3622

Sweetspot

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



87.0840, 5.8746, -17.6137



122.9390, 2.4951, -6.9625



86.2400, -7.5133, -16.8735



61.0210, 1.4686, -4.4034



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.



87.0840, 5.8746, -17.6137



108.9410, 9.3961, -27.1353



77.6920, 10.5048, -9.3769



46.8040, 0.5896, -2.4591



70.2940, 20.5611, -61.6478



150.6300, 44.0594, -132.1025

Inverse Universe

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



79.7600, 7.5133, 16.8735



97.8520, 11.4120, 26.4398



88.3080, -10.5048, 9.3769



45.6520, 1.1576, 2.0592



44.6600, 26.2966, 59.0572



95.7000, 56.3499, 126.5511

Previews

White Background



This preview shows how the YUV color 87.0840, 5.8746, -17.6137 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 87.0840, 5.8746, -17.6137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

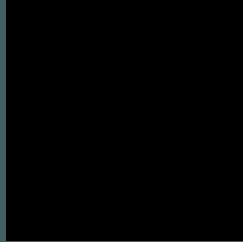
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

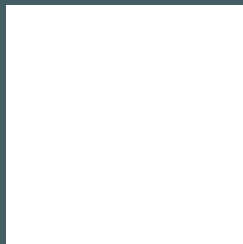
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 87.0840, 5.8746, -17.6137

Background



This preview shows how black text looks on a background with the YUV color 87.0840, 5.8746, -17.6137.



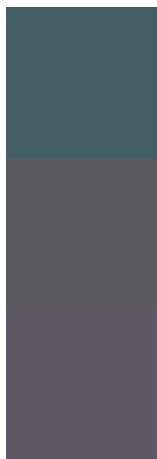
This preview shows how white text looks on a background with the YUV color 87.0840, 5.8746, -17.6137.

-17.6137.

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

87.0840, 5.8746, -17.6137

Protanopia

90.0970, 2.9102, -0.0851

Deuteranopia

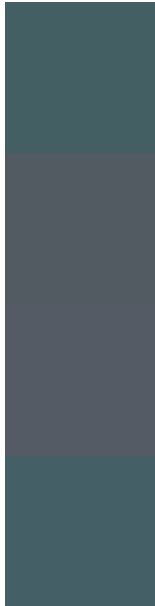
91.2760, 4.7939, 2.3889



Tritanopia

87.7250, 7.0376, -17.2988

Trichromacy



Original Color

87.0840, 5.8746, -17.6137

Protanomaly

88.9930, 3.9475, -6.1329

Deuteranomaly

89.9330, 4.9630, -5.2032

Tritanomaly

87.6110, 6.6008, -17.1988

Monochromacy



Original Color

87.0840, 5.8746, -17.6137

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

87.1240, 1.9109, -6.2477

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.0840, 5.8746, -17.6137 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(67, 95, 99)` looks like.

```
.text, #text, p{  
    color:rgb(67, 95, 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(67, 95, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 95, 99) }
```

Border

The CSS property to change the border of an element to YUV 87.0840, 5.8746, -17.6137 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(67, 95, 99) }
```


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

```
.border{ border-color:rgb(67, 95, 99) }
```

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

Here you see how a box with a 4 pixel rgb(67, 95, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 95, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 95, 99);  
box-shadow:4px 4px 4px 4px rgb(67, 95, 99)  
}
```

Background

The CSS property to change the background color of an element to YUV 87.0840, 5.8746, -17.6137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 95, 99) }
```

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

```
.background{ background-color: rgb(67, 95,  
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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