

Converting Colors

YUV(86.0810, -2.9979, -18.4880)

Have a look what the booklet for
YUV(86.0810, -2.9979, -18.4880)
contains.

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Color

**YUV(86.0810, -2.9979,
-18.4880)**

Conversions

Conversions Part 1

Format	Color
Hex	416250
RGB	65, 98, 80
RGB Percent	25%, 38%, 31%
CMY	0.7451, 0.6157, 0.6863
CMYK	0.34, 0.00, 0.18, 0.62
HSL	147°, 20%, 32%
HSV	147°, 34%, 38%
XYZ	7.9956, 10.4384, 9.1828
YIQ	86.0810, -13.8900, -12.5940

Conversions

Conversions Part 2

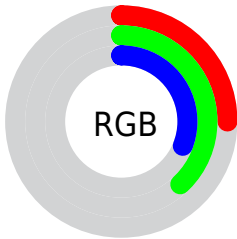
Format	Color
RYB	65, 88, 98
Decimal	4285008
CIELab	38.62, -16.34, 6.46
CIELCh	39, 17.571, 158.423
Yxy	10.4384, 0.2895, 0.3780
Android (android.graphics.Color)	4282475088 (0xFF416250)
YUV	86.0810, -2.9979, -18.4880
Hunter-Lab	32.3085, -12.3651, 5.7643

Details

The YUV color **86.0810, -2.9979, -18.4880** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **76.9190, 2.9979, 18.4880**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.2550, -3.5767, -19.5176**, and **39.7220, -1.8349, -18.1732** is the 20% darker color. If you saturate the color by 10%, you get **82.5210, -3.7079, -24.1359**, and if you desaturate by 10%, it is **89.6410, -2.2880, -12.8402**.

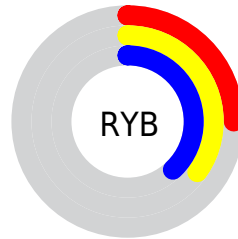
Distribution



Red (25%)

Green (38%)

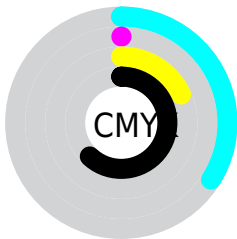
Blue (31%)



Red (25%)

Yellow (35%)

Blue (38%)

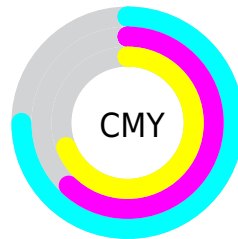


Cyan (34%)

Magenta (0%)

Yellow (18%)

Black (62%)



Cyan (75%)

Magenta (62%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.0810, -2.9979, -18.4880 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 86.0810, -2.9979, -18.4880 by changing the saturation by 10% instead.

86.0810, -2.9979,
-18.4880

86.0810, -2.9979,
-18.4880

255.0000, 0.0000,
0.0000

62.4940, -2.7085,
-17.9732

136.2550, -3.5767,
-19.5176

39.7220, -1.8349,
-18.1732

162.8420, -3.8661,
-20.0324

19.2060, -2.5666,
-16.8437

189.5430, -3.7187,
-20.6472

0.0000, 0.0000,
0.0000

217.5430, -3.7187,
-20.6472

243.1950, -2.5611,
-18.5880

253.8040, 0.5896,

-2.4591

■ 86.0810, -2.9979,
-18.4880

■ 86.0810, -2.9979,
-18.4880

■ 82.5210, -3.7079,
-24.1359

■ 89.6410, -2.2880,
-12.8402

■ 78.8470, -4.8546,
-29.6838

■ 93.3150, -1.1413,
-7.2923

■ 75.5860, -5.7119,
-34.7169

■ 96.5760, -0.2840,
-2.2592

■ 72.0260, -6.4218,
-40.3648

■ 100.1360, 0.4260,
3.3887

■ 68.3520, -7.5685,
-45.9127

■ 103.8100, 1.5727,
8.9366

■ 64.7920, -8.2785,
-51.5606

■ 107.3700, 2.2826,
14.5845

■ 62.6560, -8.7044,
-54.9493

■ 110.9300, 2.9925,
20.2324

■ 114.3050, 4.2866,
25.1655

■ 117.8650, 4.9966,
30.8134

Harmonies

Analogous

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



87.7360, -9.7298, -5.9075



86.0810, -2.9979, -18.4880



84.1920, 5.3283, -29.1094

Triad

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



86.0810, -2.9979, -18.4880



90.6040, 13.9992, -10.1767



91.8520, -8.8010, 22.9318

Complementary

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



86.0810, -2.9979, -18.4880



76.9190, 2.9979, 18.4880

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.



92.4590, -2.6913, 23.2765



86.0810, -2.9979, -18.4880



92.6660, 10.0247, 4.6779

Square

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



86.0810, -2.9979, -18.4880



86.7440, 14.9162, -24.3315



93.5490, 4.1663, 17.0585



91.3690, -12.9999, 16.3394

Rectangle

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



86.0810, -2.9979, -18.4880



84.0220, 9.8492, -32.4683



93.5490, 4.1663, 17.0585



92.0200, -6.9119, 23.6615

Sweetspot

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



86.0810, -2.9979, -18.4880



123.3150, -1.1413, -7.2923



89.7530, -12.2032, -5.9224



61.1520, -0.5679, -4.5183



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.



86.0810, -2.9979, -18.4880



109.5590, -4.7126, -28.5542



87.9050, 3.9908, -20.0877



46.5760, -0.2840, -2.2592



71.5580, -10.1351, -62.7564



153.3060, -21.8429, -134.4494

Inverse Universe

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



76.9190, 2.9979, 18.4880



95.3270, 4.2758, 28.6542



75.0950, -3.9908, 20.0877



45.4240, 0.2840, 2.2592



40.4420, 10.1351, 62.7564



86.6940, 21.8429, 134.4494

Previews

White Background



This preview shows how the YUV color 86.0810, -2.9979, -18.4880 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 86.0810, -2.9979, -18.4880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

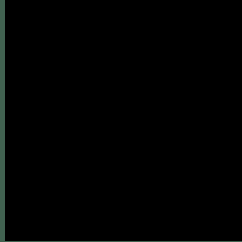
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.0810, -2.9979, -18.4880

Background



This preview shows how black text looks on a background with the YUV color 86.0810, -2.9979, -18.4880.



This preview shows how white text looks on a background with the YUV color 86.0810, -2.9979,

-18.4880.

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

86.0810, -2.9979, -18.4880

Protanopia

89.8990, -6.8522, 4.4736

Deuteranopia

90.9150, -4.3951, 9.7215



Tritanopia

88.4370, 7.1796, -16.1692

Trichromacy



Original Color

86.0810, -2.9979, -18.4880

Protanomaly

88.4850, -5.6621, -3.9333

Deuteranomaly

89.2620, -4.0732, -0.2298

Tritanomaly

87.5140, 3.6906, -17.1138

Monochromacy



Original Color

86.0810, -2.9979, -18.4880

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

85.7280, -0.8519, -6.7775

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.0810, -2.9979, -18.4880 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(65, 98, 80)` looks like.

```
.text, #text, p{  
    color:rgb(65, 98, 80)  
}
```

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(65, 98, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 98, 80) }
```

Border

The CSS property to change the border of an element to YUV 86.0810, -2.9979, -18.4880 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(65, 98, 80) }
```


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

```
.border{ border-color:rgb(65, 98, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 98, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 98, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 98, 80);  
box-shadow:4px 4px 4px 4px rgb(65, 98, 80)  
}
```

Background

The CSS property to change the background color of an element to YUV 86.0810, -2.9979, -18.4880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 98, 80) }
```

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

```
.background{ background-color: rgb(65, 98,  
80) }
```

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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