

Converting Colors

YUV(84.8030, 18.8311,
-19.9982)

Have a look what the booklet for
YUV(84.8030, 18.8311, -19.9982)
contains.

YUV(84.8030, 18.8311, -19.9982)	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(84.8030, 18.8311,
-19.9982)**

Conversions

Conversions Part 1

Format	Color
Hex	3E597B
RGB	62, 89, 123
RGB Percent	24%, 35%, 48%
CMY	0.7569, 0.6510, 0.5176
CMYK	0.50, 0.28, 0.00, 0.52
HSL	213°, 33%, 36%
HSV	213°, 50%, 48%
XYZ	9.1341, 9.5990, 20.1103
YIQ	84.8030, -27.0060, 4.8500

Conversions

Conversions Part 2

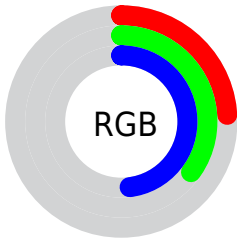
Format	Color
R _{YB}	62, 81, 123
Decimal	4086139
CIE Lab	37.11, 0.09, -22.32
CIE LCh	37, 22.324, 270.228
Yxy	9.5990, 0.2352, 0.2471
Android (android.graphics.Color)	4282276219 (0xFF3E597B)
YUV	84.8030, 18.8311, -19.9982
Hunter-Lab	30.9822, -1.5936, -16.7971




Details

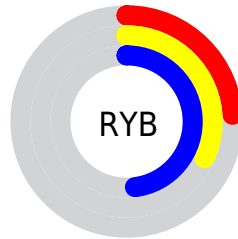
The YUV color **84.8030, 18.8311, -19.9982** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **100.1970, -18.8311, 19.9982**, and the grayscale version is **85.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **135.4440, 19.9941, -19.6834**, and **36.3570, 18.5580, -25.7461** is the 20% darker color. If you saturate the color by 10%, you get **77.1060, 22.6257, -23.7720**, and if you desaturate by 10%, it is **92.5000, 15.0365, -16.2245**.

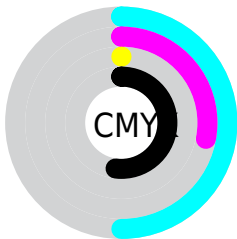
Distribution







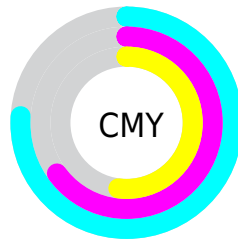
-  Red (24%)
-  Green (35%)
-  Blue (48%)






-  Red (24%)
-  Yellow (32%)
-  Blue (48%)



-  Cyan (50%)
-  Magenta (28%)
-  Yellow (0%)
-  Black (52%)



-  Cyan (76%)
-  Magenta (65%)
-  Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.8030, 18.8311, -19.9982 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 84.8030, 18.8311, -19.9982 by changing the saturation by 10% instead.

■ 84.8030, 18.8311,
-19.9982

■ 84.8030, 18.8311,
-19.9982

■ 255.0000, 0.0000,
0.0000

■ 60.9770, 18.2523,
-21.0278

■ 135.4440, 19.9941,
-19.6834

■ 36.3570, 18.5580,
-25.7461

■ 161.5580, 20.4309,
-19.7834

■ 19.9020, 15.3313,
-17.4541

■ 188.9710, 20.7203,
-19.2686

■ 4.5940, 12.5252,
-4.0289

■ 216.2160, 19.1205,
-19.4834

■ 0.0000, 0.0000,
0.0000

■ 241.3230, 6.7428,
-16.0693

■ 254.1030, 0.4422,

-1.8443

■ 84.8030, 18.8311,
-19.9982

■ 84.8030, 18.8311,
-19.9982

■ 77.1060, 22.6257,
-23.7720

■ 92.5000, 15.0365,
-16.2245

■ 69.1100, 26.5678,
-28.1605

■ 100.4960, 11.0945,
-11.8360

■ 61.4130, 30.3624,
-31.9342

■ 108.1930, 7.2999,
-8.0623

■ 54.3030, 33.8676,
-36.2227

■ 115.3030, 3.7946,
-3.7737

■ 46.3070, 37.8096,
-40.6112

■ 123.2990, -0.1474,
0.6148

■ 45.7200, 38.0990,
-40.0964

■ 130.9960, -3.9420,
4.3885

■ 138.6930, -7.7366,
8.1622

■ 146.3900,
-11.5313, 11.9360

■ 154.3860,
-15.4733, 16.3245

Harmonies

Analogous

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



78.1980, 19.6224, -40.5156



84.8030, 18.8311, -19.9982



89.0830, 14.2561, 0.8042

Triad

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



84.8030, 18.8311, -19.9982



88.4830, -9.1121, 29.3944



81.2720, -6.0501, -19.5325

Complementary

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



84.8030, 18.8311, -19.9982



100.1970, -18.8311, 19.9982

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.



84.3080, -13.9558, -3.7781



84.8030, 18.8311, -19.9982



87.5440, -15.0582, 23.2019

Square

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



84.8030, 18.8311, -19.9982



89.0620, -0.5236, 28.0096



85.8970, -17.2042, 11.4913



77.6210, 4.6238, -36.5016

Rectangle

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



84.8030, 18.8311, -19.9982



89.4220, 10.1450, 12.7849



85.8970, -17.2042, 11.4913



82.2080, -8.9765, -14.2144

Sweetspot

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



84.8030, 18.8311, -19.9982



145.6060, 7.5892, -7.5475



101.6830, -2.8017, -34.8020



72.2320, 4.8156, -4.5885



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.



84.8030, 18.8311, -19.9982



100.2990, 29.9256, -31.8342



69.8510, 26.2025, -4.2543



57.4450, 1.7526, -2.1443



46.5350, 38.6832, -40.8112



94.4720, 77.6613, -82.8519

Inverse Universe

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



83.3170, 2.8017, 34.8020



97.9050, 4.4838, 55.3343



115.1490, -26.2025, 4.2543



57.1360, 0.4260, 3.3887



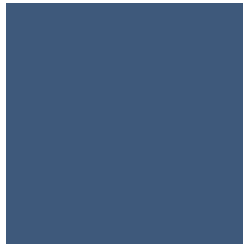
43.6450, 5.5980, 71.3483



88.1160, 11.7748, 143.7263

Previews

White Background



This preview shows how the YUV color 84.8030, 18.8311, -19.9982 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 84.8030, 18.8311, -19.9982 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

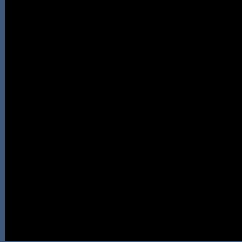
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

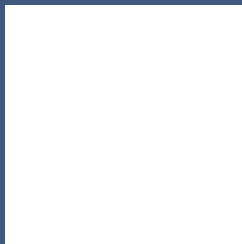
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 84.8030, 18.8311, -19.9982

Background



This preview shows how black text looks on a background with the YUV color 84.8030, 18.8311, -19.9982.



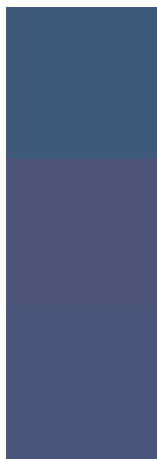
This preview shows how white text looks on a background with the YUV color 84.8030, 18.8311, -19.9982.

-19.9982.

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

84.8030, 18.8311, -19.9982

Protanopia

87.2990, 16.6146, -9.0322

Deuteranopia

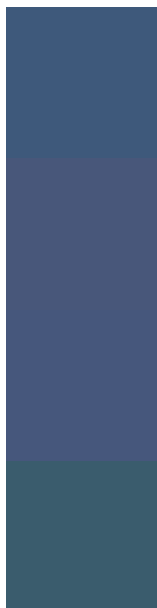
86.7440, 18.3672, -11.1765



Tritanopia

82.5500, 9.0959, -24.1613

Trichromacy



Original Color

84.8030, 18.8311, -19.9982

Protanomaly

86.5050, 17.4990, -12.7209

Deuteranomaly

86.1350, 18.6674, -14.1504

Tritanomaly

83.7720, 12.4374, -22.6020

Monochromacy



Original Color

84.8030, 18.8311, -19.9982

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

84.7910, 7.0050, -6.8327

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.8030, 18.8311, -19.9982 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(62, 89, 123)` looks like.

```
.text, #text, p{  
    color:rgb(62, 89, 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(62, 89, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 89, 123) }
```

Border

The CSS property to change the border of an element to YUV 84.8030, 18.8311, -19.9982 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(62, 89, 123) }
```


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

```
.border{ border-color:rgb(62, 89, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 89, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 89, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 89, 123);  
box-shadow:4px 4px 4px 4px rgb(62, 89,  
123) }
```

Background

The CSS property to change the background color of an element to YUV 84.8030, 18.8311, -19.9982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 89, 123) }
```

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

```
.background{ background-color: rgb(62, 89,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor