

Converting Colors

YUV(83.8310, 19.8033, -5.1138)

Have a look what the booklet for
YUV(83.8310, 19.8033, -5.1138)
contains.

YUV(83.8310, 19.8033, -5.1138)	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(83.8310, 19.8033,
-5.1138)**

Conversions

Conversions Part 1

Format	Color
Hex	4E4F7C
RGB	78, 79, 124
RGB Percent	31%, 31%, 49%
CMY	0.6941, 0.6902, 0.5137
CMYK	0.37, 0.36, 0.00, 0.51
HSL	239°, 23%, 40%
HSV	239°, 37%, 49%
XYZ	9.5760, 8.6669, 20.2370
YIQ	83.8310, -15.0410, 13.7830

Conversions

Conversions Part 2

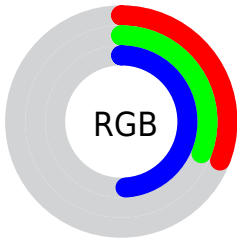
Format	Color
R _Y B	78, 79, 124
Decimal	5132156
CIE Lab	35.33, 11.39, -25.63
CIE LCh	35, 28.044, 293.956
Yxy	8.6669, 0.2489, 0.2252
Android (android.graphics.Color)	4283322236 (0xFF4E4F7C)
YUV	83.8310, 19.8033, -5.1138
Hunter-Lab	29.4396, 6.5422, -20.1486

Details

The YUV color **83.8310, 19.8033, -5.1138** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **118.1690, -19.8033, 5.1138**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.8850, 21.2557, -4.2841**, and **38.0650, 18.2090, -7.0730** is the 20% darker color. If you saturate the color by 10%, you get **73.1990, 25.0449, -6.3135**, and if you desaturate by 10%, it is **94.4630, 14.5617, -3.9141**.

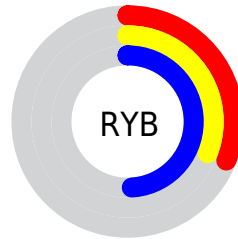
Distribution



Red (31%)

Green (31%)

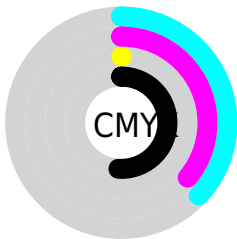
Blue (49%)



Red (31%)

Yellow (31%)

Blue (49%)

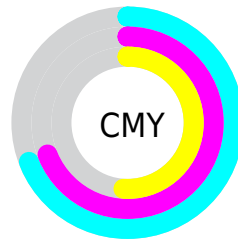


Cyan (37%)

Magenta (36%)

Yellow (0%)

Black (51%)



Cyan (69%)

Magenta (69%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.8310, 19.8033, -5.1138 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 83.8310, 19.8033, -5.1138 by changing the saturation by 10% instead.

■ 83.8310, 19.8033,
-5.1138

■ 83.8310, 19.8033,
-5.1138

■ 255.0000, 0.0000,
0.0000

■ 60.3040, 19.0771,
-5.5286

■ 133.8850, 21.2557,
-4.2841

■ 38.0650, 18.2090,
-7.0730

■ 159.9990, 21.6925,
-4.3841

■ 15.6410, 17.9250,
-9.3322

■ 187.5260, 22.4187,
-3.9693

■ 4.5940, 12.5252,
-4.0289

■ 213.9560, 20.2347,
-3.4694

■ 0.1140, 0.4368,
-0.1000

■ 239.6500, 7.5676,
-0.5700

■ 0.0000, 0.0000,
0.0000

■ 83.8310, 19.8033,
-5.1138

■ 83.8310, 19.8033,
-5.1138

■ 73.1990, 25.0449,
-6.3135

■ 94.4630, 14.5617,
-3.9141

■ 62.2680, 30.4339,
-8.1280

■ 105.3940, 9.1728,
-2.0995

■ 51.6360, 35.6755,
-9.3278

■ 116.0260, 3.9312,
-0.8998

■ 40.1180, 41.3538,
-10.6275

■ 127.5440, -1.7472,
0.3999

■ 29.4860, 46.5954,
-11.8272

■ 138.1760, -6.9888,
1.5996

■ 18.8540, 51.8370,
-13.0270

■ 148.8080,
-12.2303, 2.7994

■ 15.8970, 53.2948,
-13.9417

■ 159.7390,
-17.6193, 4.6139

■ 170.3710,

-22.8609, 5.8136

■ 181.3020,
-28.2499, 7.6281

Harmonies

Analogous

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



75.7130, 25.2845, -36.5823



83.8310, 19.8033, -5.1138



86.2100, 11.7285, 18.2328

Triad

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



83.8310, 19.8033, -5.1138



82.7190, -17.1165, 30.0644



66.4620, 5.6882, -51.2712

Complementary

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



83.8310, 19.8033, -5.1138



118.1690, -19.8033, 5.1138

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.



75.9360, -9.8284, -20.9919



83.8310, 19.8033, -5.1138



81.4910, -21.4411, 17.1094

Square

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



83.8310, 19.8033, -5.1138



83.6410, -8.6970, 36.2718



79.3640, -18.9135, -0.3192



66.6920, 16.9138, -58.4889

Rectangle

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



83.8310, 19.8033, -5.1138



85.2670, 5.2914, 29.5838



79.3640, -18.9135, -0.3192



71.5300, -0.7543, -38.1758

Sweetspot

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



83.8310, 19.8033, -5.1138



145.0520, 7.8624, -1.7996



110.0180, 5.9071, -28.0798



72.2540, 4.8048, -1.0998



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.



83.8310, 19.8033, -5.1138



97.4960, 31.3075, -8.3280



89.5230, 16.9972, 8.3113



55.6840, 2.6208, -0.5999



16.0110, 53.7316, -14.0416



31.6630, 108.6261, -27.7685

Inverse Universe

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



91.8680, -6.3439, 28.1798



110.0550, -9.8871, 44.6788



112.4770, -16.9972, -8.3113



56.7940, -0.8844, 3.6887



37.7170, -17.1155, 76.5472



75.9180, -34.9626, 154.4239

Previews

White Background



This preview shows how the YUV color 83.8310, 19.8033, -5.1138 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 83.8310, 19.8033, -5.1138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

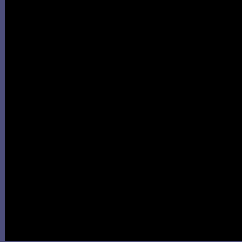
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.8310, 19.8033, -5.1138

Background



This preview shows how black text looks on a background with the YUV color 83.8310, 19.8033, -5.1138.



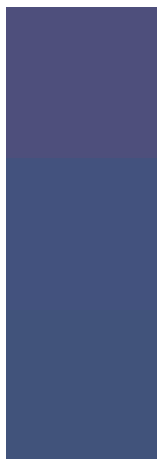
This preview shows how white text looks on a background with the YUV color 83.8310, 19.8033,

-5.1138.

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

83.8310, 19.8033, -5.1138

Protanopia

82.5310, 21.4302, -13.6207

Deuteranopia

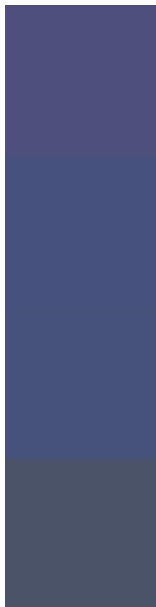
82.1780, 20.1252, -15.0651



Tritanopia

81.6120, 5.1213, -9.3067

Trichromacy



Original Color

83.8310, 19.8033, -5.1138

Protanomaly

83.0260, 20.6932, -10.5468

Deuteranomaly

83.0860, 19.6776, -11.4764

Tritanomaly

82.7030, 10.4994, -7.6325

Monochromacy



Original Color

83.8310, 19.8033, -5.1138

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

83.9380, 7.4256, -1.6996

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.8310, 19.8033, -5.1138 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(78, 79, 124)` looks like.

```
.text, #text, p{  
    color:rgb(78, 79, 124)  
}
```

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(78, 79, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 79, 124) }
```

Border

The CSS property to change the border of an element to YUV 83.8310, 19.8033, -5.1138 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(78, 79, 124) }
```


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

```
.border{ border-color:rgb(78, 79, 124) }
```

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

Here you see how a box with a 4 pixel rgb(78, 79, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 79, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 79, 124);  
box-shadow:4px 4px 4px 4px rgb(78, 79,  
124) }
```

Background

The CSS property to change the background color of an element to YUV 83.8310, 19.8033, -5.1138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 79, 124) }
```

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

```
.background{ background-color: rgb(78, 79,  
124) }
```

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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