

Converting Colors

YUV(82.3850, 19.5302,
-10.8616)

Have a look what the booklet for
YUV(82.3850, 19.5302, -10.8616)
contains.

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Color

**YUV(82.3850, 19.5302,
-10.8616)**

Conversions

Conversions Part 1

Format	Color
Hex	46517A
RGB	70, 81, 122
RGB Percent	27%, 32%, 48%
CMY	0.7255, 0.6824, 0.5216
CMYK	0.43, 0.34, 0.00, 0.52
HSL	227°, 27%, 38%
HSV	227°, 43%, 48%
XYZ	8.9811, 8.5921, 19.5974
YIQ	82.3850, -19.7170, 10.4190

Conversions

Conversions Part 2

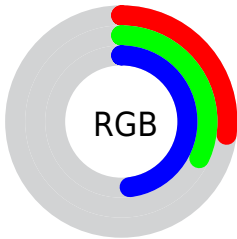
Format	Color
R_{YB}	70, 79, 122
Decimal	4608378
CIE Lab	35.19, 7.10, -24.67
CIE LCh	35, 25.671, 286.066
Yxy	8.5921, 0.2416, 0.2312
Android (android.graphics.Color)	4282798458 (0xFF46517A)
YUV	82.3850, 19.5302, -10.8616
Hunter-Lab	29.3123, 3.3946, -19.1212

Details

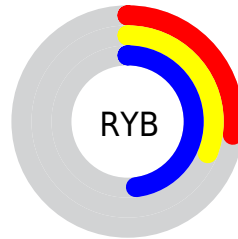
The YUV color **82.3850, 19.5302, -10.8616** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **109.6150, -19.5302, 10.8616**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.4390, 20.9826, -10.0320**, and **36.0210, 18.2306, -14.0504** is the 20% darker color. If you saturate the color by 10%, you get **72.9270, 24.1930, -13.0910**, and if you desaturate by 10%, it is **91.8430, 14.8674, -8.6323**.

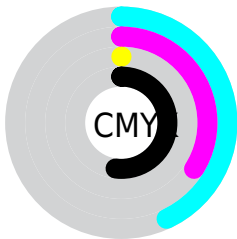
Distribution



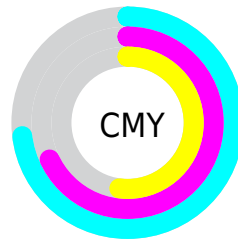
- Red (27%)
- Green (32%)
- Blue (48%)



- Red (27%)
- Yellow (31%)
- Blue (48%)



- Cyan (43%)
- Magenta (34%)
- Yellow (0%)
- Black (52%)



- Cyan (73%)
- Magenta (68%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.3850, 19.5302, -10.8616 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 82.3850, 19.5302, -10.8616 by changing the saturation by 10% instead.

■ 82.3850, 19.5302,
-10.8616

■ 82.3850, 19.5302,
-10.8616

■ 255.0000, 0.0000,
0.0000

■ 58.8580, 18.8040,
-11.2765

■ 132.4390, 20.9826,
-10.0320

■ 36.0210, 18.2306,
-14.0504

■ 158.5530, 21.4194,
-10.1320

■ 15.0920, 17.2096,
-13.2357

■ 185.6670, 21.8562,
-10.2320

■ 4.4800, 12.0884,
-3.9290

■ 213.3250, 20.5458,
-9.9320

■ 0.0000, 0.0000,
0.0000

■ 238.1330, 8.3154,
-7.1326

■ 82.3850, 19.5302,
-10.8616

■ 82.3850, 19.5302,
-10.8616

■ 72.9270, 24.1930,
-13.0910

■ 91.8430, 14.8674,
-8.6323

■ 64.0560, 28.5664,
-15.8351

■ 100.7140, 10.4940,
-5.8882

■ 54.2990, 33.3766,
-18.6792

■ 110.4710, 5.6838,
-3.0441

■ 45.4280, 37.7500,
-21.4234

■ 119.3420, 1.3104,
-0.2999

■ 35.9700, 42.4128,
-23.6527

■ 128.8000, -3.3524,
1.9294

■ 29.1700, 45.7652,
-25.5821

■ 138.2580, -8.0152,
4.1587

■ 147.1290,
-12.3886, 6.9029

■ 156.8860,

-17.1988, 9.7470

■ 166.3440,
-21.8616, 11.9763

Harmonies

Analogous

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



74.2350, 23.5481, -39.6711



82.3850, 19.5302, -10.8616



85.1060, 12.7657, 12.1850

Triad

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



82.3850, 19.5302, -10.8616



82.8160, -14.2063, 29.9794



72.6660, -0.3283, -34.7871

Complementary

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



82.3850, 19.5302, -10.8616



109.6150, -19.5302, 10.8616

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.



77.5240, -11.5973, -13.6145



82.3850, 19.5302, -10.8616



81.7840, -19.1205, 19.4834

Square

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



82.3850, 19.5302, -10.8616



84.0150, -5.9234, 33.3128



80.0980, -18.7823, 4.2991



65.1930, 13.7089, -57.1743

Rectangle

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



82.3850, 19.5302, -10.8616



85.3910, 7.2022, 23.3361



80.0980, -18.7823, 4.2991



74.5700, -4.7180, -26.8099

Sweetspot

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



82.3850, 19.5302, -10.8616



142.6280, 7.5784, -4.0588



105.1980, 2.8604, -30.8686



69.2430, 4.8102, -2.8441



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



82.3850, 19.5302, -10.8616



96.8000, 30.1716, -17.3646



80.4130, 20.5024, 4.0228



56.2710, 2.3314, -1.1147



29.5120, 47.0756, -25.8820



59.8390, 94.7354, -52.4788

Inverse Universe

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



86.8020, -2.8604, 30.8686



103.2710, -4.0776, 47.9973



111.5870, -20.5024, -4.0228



56.9080, -0.4476, 3.5887



40.3390, -7.0691, 74.2477



81.3900, -13.9963, 149.6250

Previews

White Background



This preview shows how the YUV color 82.3850, 19.5302, -10.8616 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 82.3850, 19.5302, -10.8616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

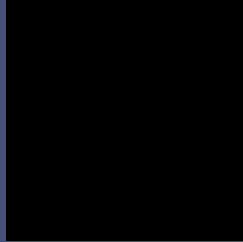
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

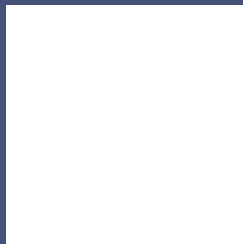
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 82.3850, 19.5302, -10.8616

Background



This preview shows how black text looks on a background with the YUV color 82.3850, 19.5302, -10.8616.



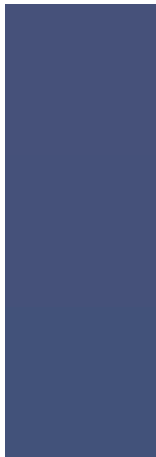
This preview shows how white text looks on a background with the YUV color 82.3850, 19.5302,

-10.8616.

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

82.3850, 19.5302, -10.8616

Protanopia

82.0860, 19.6776, -11.4764

Deuteranopia

81.7760, 19.8304, -13.8356



Tritanopia

80.3230, 6.7428, -16.0693

Trichromacy



Original Color

82.3850, 19.5302, -10.8616

Protanomaly

82.0860, 19.6776, -11.4764

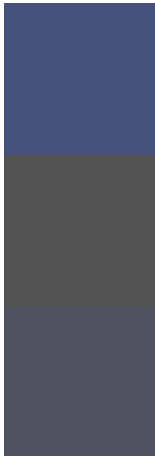
Deuteranomaly

82.0750, 19.6830, -13.2208

Tritanomaly

81.1860, 11.2473, -14.1951

Monochromacy



Original Color

82.3850, 19.5302, -10.8616

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

82.5140, 7.1416, -3.9588

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.3850, 19.5302, -10.8616 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(70, 81, 122)` looks like.

```
.text, #text, p{  
    color:rgb(70, 81, 122)  
}
```

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(70, 81, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 81, 122) }
```

Border

The CSS property to change the border of an element to YUV 82.3850, 19.5302, -10.8616 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(70, 81, 122) }
```


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

```
.border{ border-color:rgb(70, 81, 122) }
```

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

Here you see how a box with a 4 pixel rgb(70, 81, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 81, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 81, 122);  
box-shadow:4px 4px 4px 4px rgb(70, 81,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 82.3850, 19.5302, -10.8616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 81, 122) }
```

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

```
.background{ background-color: rgb(70, 81,  
122) }
```

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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