

Converting Colors

YUV(110.8010, -21.5939,
19.4685)

Have a look what the booklet for
YUV(110.8010, -21.5939, 19.4685)
contains.

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Color

**YUV(110.8010, -21.5939,
19.4685)**

Conversions

Conversions Part 1

Format	Color
Hex	856C43
RGB	133, 108, 67
RGB Percent	52%, 42%, 26%
CMY	0.4784, 0.5765, 0.7373
CMYK	0.00, 0.19, 0.50, 0.48
HSL	37°, 33%, 39%
HSV	37°, 50%, 52%
XYZ	16.0485, 16.1169, 7.5752
YIQ	110.8010, 28.0610, -7.4510

Conversions

Conversions Part 2

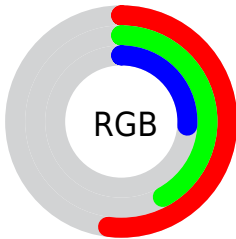
Format	Color
RYB	107, 133, 67
Decimal	8744003
CIELab	47.13, 4.25, 26.58
CIElCh	47, 26.921, 80.907
Yxy	16.1169, 0.4038, 0.4056
Android (android.graphics.Color)	4286934083 (0xFF856C43)
YUV	110.8010, -21.5939, 19.4685
Hunter-Lab	40.1459, 1.1011, 16.9146

Details

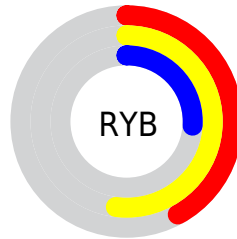
The YUV color **110.8010, -21.5939, 19.4685** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **89.1990, 21.5939, -19.4685**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.7690, -23.0571, 22.1276**, and **62.5340, -19.9833, 16.1947** is the 20% darker color. If you saturate the color by 10%, you get **106.3840, -25.8253, 23.3422**, and if you desaturate by 10%, it is **115.2180, -17.3625, 15.5948**.

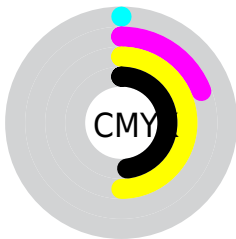
Distribution



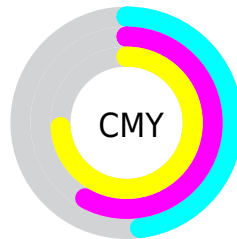
- Red (52%)
- Green (42%)
- Blue (26%)



- Red (42%)
- Yellow (52%)
- Blue (26%)



- Cyan (0%)
- Magenta (19%)
- Yellow (50%)
- Black (48%)



- Cyan (48%)
- Magenta (58%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 110.8010, -21.5939, 19.4685 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 110.8010, -21.5939, 19.4685 by changing the saturation by 10% instead.

■ 110.8010,
-21.5939, 19.4685

■ 110.8010,
-21.5939, 19.4685

■ 255.0000, 0.0000,
0.0000

■ 86.3170, -20.8623,
18.1390

■ 162.7690,
-23.0571, 22.1276

■ 62.5340, -19.9833,
16.1947

■ 189.9540,
-23.6413, 22.8423

■ 39.9360, -19.6884,
14.9651

■ 218.0250,
-24.6623, 23.6571

■ 21.0200, -10.3629,
10.5065

■ 240.6430,
-22.0090, 12.5911

■ 0.0000, 0.0000,
0.0000

■ 251.4660,
-13.5407, 3.0993

■ 254.6580, -1.3104,

0.2999

■ 110.8010,
-21.5939, 19.4685

■ 110.8010,
-21.5939, 19.4685

■ 106.3840,
-25.8253, 23.3422

■ 115.2180,
-17.3625, 15.5948

■ 101.8530,
-30.4935, 27.3159

■ 119.7490,
-12.6943, 11.6211

■ 97.4360, -34.7249,
31.1896

■ 124.1660, -8.4628,
7.7474

■ 93.0190, -38.9564,
35.0633

■ 128.5830, -4.2314,
3.8737

■ 88.6020, -43.1878,
38.9370

■ 133.1140, 0.4368,
-0.1000

■ 88.4880, -43.6246,
39.0370

■ 137.5310, 4.6682,
-3.9737

■ 141.9480, 8.8996,
-7.8474

■ 146.3650, 13.1311,
-11.7211

■ 150.8960, 17.7993,
-15.6948

Harmonies

Analogous

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



112.1430, -16.8325, 32.3236



110.8010, -21.5939, 19.4685



108.5600, -19.5031, 2.1399

Triad

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



110.8010, -21.5939, 19.4685



95.0400, 15.7563, -60.5481



114.8400, 12.8969, 16.8033

Complementary

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



110.8010, -21.5939, 19.4685



89.1990, 21.5939, -19.4685

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.



112.3470, 20.5349, -6.4433



110.8010, -21.5939, 19.4685



96.6410, 24.3340, -58.4442

Square

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



110.8010, -21.5939, 19.4685



100.8010, 1.5771, -39.2905



106.2080, 24.5475, -33.5084



114.5940, 2.6652, 31.9281

Rectangle

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



110.8010, -21.5939, 19.4685



106.7370, -14.6603, -11.1703



106.2080, 24.5475, -33.5084



114.4800, 15.5394, 9.2260

Sweetspot

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



110.8010, -21.5939, 19.4685



164.7530, -8.7522, 7.2326



89.5840, 1.1911, 38.0758



81.6540, -5.2524, 4.6884



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



110.8010, -21.5939, 19.4685



138.2510, -34.1407, 30.4749



123.0840, -27.6494, 1.6803



64.1420, -2.0420, 1.6295



86.4170, -42.6036, 38.2223



2.0710, -1.0210, 0.8147

Inverse Universe

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



89.1990, 21.5939, -19.4685



104.3360, 33.8514, -30.9897



76.9160, 27.6494, -1.6803



61.8580, 2.0420, -1.6295



43.5830, 42.6036, -38.2223



0.9290, 1.0210, -0.8147

Previews

White Background



This preview shows how the YUV color 110.8010, -21.5939, 19.4685 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 110.8010, -21.5939, 19.4685 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

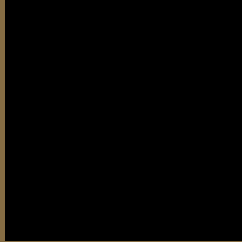
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 110.8010, -21.5939, 19.4685

Background



This preview shows how black text looks on a background with the YUV color 110.8010, -21.5939, 19.4685.



This preview shows how white text looks on a background with the YUV color 110.8010, -21.5939,

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

110.8010, -21.5939, 19.4685

Protanopia

109.9740, -20.6932, 10.5468

Deuteranopia

111.1110, -21.7467, 21.8277



Tritanopia

114.0780, -1.5175, 20.1026

Trichromacy



Original Color

110.8010, -21.5939, 19.4685

Protanomaly

110.5830, -20.9934, 13.5207

Deuteranomaly

110.8120, -21.5993, 21.2129

Tritanomaly

113.1290, -8.9376, 20.0579

Monochromacy



Original Color

110.8010, -21.5939, 19.4685

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

110.9810, -7.8786, 7.0327

CSS Examples

Text

The CSS property to change the color of the text to YUV 110.8010, -21.5939, 19.4685 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(133, 108, 67)` looks like.

```
.text, #text, p{  
    color:rgb(133, 108, 67)  
}
```

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(133, 108, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 108, 67) }
```

Border

The CSS property to change the border of an element to YUV 110.8010, -21.5939, 19.4685 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(133, 108, 67) }
```


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

```
.border{ border-color:rgb(133, 108, 67) }
```

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

Here you see how a box with a 4 pixel rgb(133, 108, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 108, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 108, 67);  
box-shadow:4px 4px 4px 4px rgb(133, 108,  
67) }
```

Background

The CSS property to change the background color of an element to YUV 110.8010, -21.5939, 19.4685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 108, 67) }
```

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

```
.background{ background-color: rgb(133,  
108, 67) }
```

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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