

Converting Colors

YUV(117.8190, -19.1378,
-21.7663)

Have a look what the booklet for
YUV(117.8190, -19.1378, -21.7663)
contains.

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Color

**YUV(117.8190, -19.1378,
-21.7663)**

Conversions

Conversions Part 1

Format	Color
Hex	5D8A4F
RGB	93, 138, 79
RGB Percent	36%, 54%, 31%
CMY	0.6353, 0.4588, 0.6902
CMYK	0.33, 0.00, 0.43, 0.46
HSL	106°, 27%, 43%
HSV	106°, 43%, 54%
XYZ	15.0140, 21.0686, 10.6725
YIQ	117.8190, -7.8810, -27.8890

Conversions

Conversions Part 2

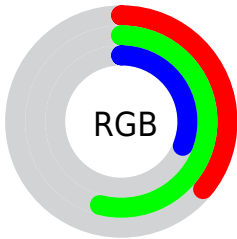
Format	Color
R_{YB}	79, 138, 124
Decimal	6130255
CIE _{Lab}	53.02, -27.23, 26.79
CIE _{LCh}	53, 38.205, 135.467
Yxy	21.0686, 0.3211, 0.4506
Android (android.graphics.Color)	4284320335 (0xFF5D8A4F)
YUV	117.8190, -19.1378, -21.7663
Hunter-Lab	45.9006, -21.9391, 18.3447

Details

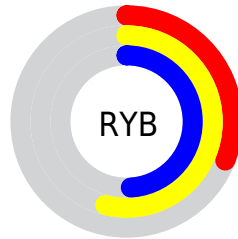
The YUV color **117.8190, -19.1378, -21.7663** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **99.1810, 19.1378, 21.7663**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.7650, -20.5901, -22.5959**, and **68.2750, -17.3906, -22.1662** is the 20% darker color. If you saturate the color by 10%, you get **112.9340, -23.6315, -27.1291**, and if you desaturate by 10%, it is **122.7040, -14.6441, -16.4034**.

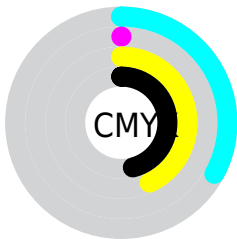
Distribution



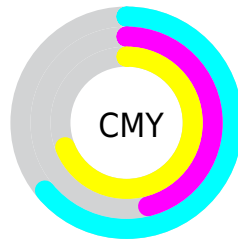
- Red (36%)
- Green (54%)
- Blue (31%)



- Red (31%)
- Yellow (54%)
- Blue (49%)



- Cyan (33%)
- Magenta (0%)
- Yellow (43%)
- Black (46%)



- Cyan (64%)
- Magenta (46%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.8190, -19.1378, -21.7663 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 117.8190, -19.1378, -21.7663 by changing the saturation by 10% instead.

■ 117.8190,
-19.1378, -21.7663

■ 117.8190,
-19.1378, -21.7663

■ 255.0000, 0.0000,
0.0000

■ 92.3460, -18.4116,
-21.3514

■ 170.7650,
-20.5901, -22.5959

■ 68.2750, -17.3906,
-22.1662

■ 198.2380,
-21.3163, -23.0107

■ 44.0900, -16.8064,
-22.8809

■ 226.1240,
-21.7531, -22.9107

■ 24.0670, -11.8650,
-21.1068

■ 241.7970,
-15.6759, -12.1000

■ 11.1530, -5.4984,
-9.7812

■ 253.1760, -6.9888,
1.5996

■ 0.0000, 0.0000,
0.0000

■ 117.8190,
-19.1378, -21.7663

■ 117.8190,
-19.1378, -21.7663

■ 112.9340,
-23.6315, -27.1291

■ 122.7040,
-14.6441, -16.4034

■ 108.3480,
-28.2726, -31.8772

■ 127.2900,
-10.0030, -11.6553

■ 103.5770,
-32.3295, -37.3400

■ 132.0610, -5.9461,
-6.1925

■ 98.9910, -36.9706,
-42.0881

■ 136.6470, -1.3050,
-1.4444

■ 94.1060, -41.4643,
-47.4510

■ 141.5320, 3.1887,
3.9184

■ 90.8730, -44.8004,
-50.7546

■ 146.1180, 7.8298,
8.6665

■ 151.0030, 12.3235,
14.0294

■ 155.4750, 16.5278,

18.8774

■ 160.3600, 21.0215,
24.2403

Harmonies

Analogous

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



122.1340, -30.1391, 6.8985



117.8190, -19.1378, -21.7663



108.3380, 0.3264, -58.1784

Triad

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



117.8190, -19.1378, -21.7663



106.8850, 40.9757, -76.1981



127.8650, -8.3144, 53.6154

Complementary

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



117.8190, -19.1378, -21.7663



99.1810, 19.1378, 21.7663

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.



129.5230, 7.1372, 44.2683



117.8190, -19.1378, -21.7663



125.5440, 31.7768, -18.8941

Square

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



117.8190, -19.1378, -21.7663



102.4890, 34.7619, -89.8829



130.0280, 21.1852, 18.3924



126.1620, -22.2649, 48.0929

Rectangle

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



117.8190, -19.1378, -21.7663



99.5760, 15.9850, -87.3282



130.0280, 21.1852, 18.3924



128.2330, -3.0729, 52.4157

Sweetspot

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



117.8190, -19.1378, -21.7663



170.8820, -7.8298, -8.6665



122.4690, -21.4302, 13.6207



84.1150, -4.4937, -5.3629



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



117.8190, -19.1378, -21.7663



147.5820, -29.8669, -33.8364



115.3430, -10.5221, -31.8728



66.7070, -2.3206, -2.3740



87.3400, -43.0586, -49.4102



3.2340, -1.5944, -1.9592

Inverse Universe

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



99.1810, 19.1378, 21.7663



118.4180, 29.8669, 33.8364



101.6570, 10.5221, 31.8728



64.2930, 2.3206, 2.3740



45.3610, 43.2060, 48.7954



1.7660, 1.5944, 1.9592

Previews

White Background



This preview shows how the YUV color 117.8190, -19.1378, -21.7663 looks on a white 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

Black Background



This preview shows how the YUV color 117.8190, -19.1378, -21.7663 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

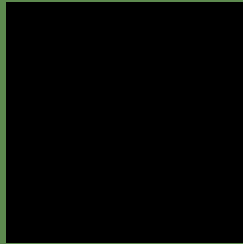
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 117.8190, -19.1378, -21.7663 Background



This preview shows how black text looks on a background with the YUV color 117.8190, -19.1378, -21.7663.



This preview shows how white text looks on a background with the YUV color 117.8190, -19.1378, -21.7663.

-21.7663.

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

117.8190, -19.1378, -21.7663

Protanopia

123.7740, -24.0456, 12.4762

Deuteranopia

125.6380, -21.0205, 22.2425



Tritanopia

124.0670, 8.3480, -17.5988

Trichromacy



Original Color

117.8190, -19.1378, -21.7663

Protanomaly

121.4520, -22.4078, 0.4806

Deuteranomaly

122.7670, -20.0981, 6.3433

Tritanomaly

122.0100, -1.9769, -19.3028

Monochromacy



Original Color

117.8190, -19.1378, -21.7663

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

117.8220, -6.8142, -7.7369

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.8190, -19.1378, -21.7663 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(93, 138, 79)` looks like.

```
.text, #text, p{  
    color:rgb(93, 138, 79)  
}
```

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(93, 138, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 138, 79) }
```

Border

The CSS property to change the border of an element to YUV 117.8190, -19.1378, -21.7663 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(93, 138, 79) }
```


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

```
.border{ border-color:rgb(93, 138, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 138, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 138, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 138, 79);  
box-shadow:4px 4px 4px 4px rgb(93, 138,  
79) }
```

Background

The CSS property to change the background color of an element to YUV 117.8190, -19.1378, -21.7663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 138, 79) }
```

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

```
.background{ background-color: rgb(93, 138,  
79) }
```

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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