

Converting Colors

YUV(121.2000, -50.3846,
13.8566)

Have a look what the booklet for
YUV(121.2000, -50.3846, 13.8566)
contains.

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Color

**YUV(121.2000, -50.3846,
13.8566)**

Conversions

Conversions Part 1

Format	Color
Hex	898513
RGB	137, 133, 19
RGB Percent	54%, 52%, 7%
CMY	0.4627, 0.4784, 0.9255
CMYK	0.00, 0.03, 0.86, 0.46
HSL	58°, 76%, 31%
HSV	58°, 86%, 54%
XYZ	18.8216, 22.1404, 3.8976
YIQ	121.2000, 38.9780, -34.6060

Conversions

Conversions Part 2

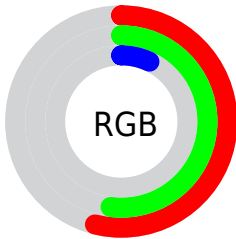
Format	Color
R_{YB}	23, 137, 19
Decimal	9012499
CIE Lab	54.18, -11.05, 55.08
CIE LCh	54, 56.175, 101.340
Yxy	22.1404, 0.4196, 0.4935
Android (android.graphics.Color)	4287202579 (0xFF898513)
YUV	121.2000, -50.3846, 13.8566
Hunter-Lab	47.0536, -10.9433, 28.0263

Details

The YUV color **121.2000, -50.3846, 13.8566** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **34.8000, 50.3846, -13.8566**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.5530, -49.0796, 15.3010**, and **74.1250, -36.5436, 7.7834** is the 20% darker color. If you saturate the color by 10%, you get **119.6040, -56.4998, 15.2563**, and if you desaturate by 10%, it is **122.7960, -44.2694, 12.4569**.

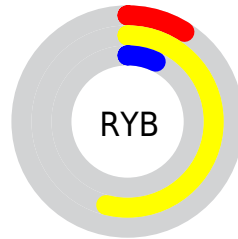
Distribution



Red (54%)

Green (52%)

Blue (7%)



Red (9%)

Yellow (54%)

Blue (7%)

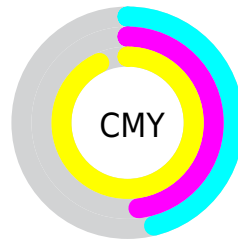


Cyan (0%)

Magenta (3%)

Yellow (86%)

Black (46%)



Cyan (46%)

Magenta (48%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.2000, -50.3846, 13.8566 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 121.2000, -50.3846, 13.8566 by changing the saturation by 10% instead.

■ 121.2000,
-50.3846, 13.8566

■ 121.2000,
-50.3846, 13.8566

■ 255.0000, 0.0000,
0.0000

■ 96.2860, -47.4690,
12.0272

■ 175.5530,
-49.0796, 15.3010

■ 74.1250, -36.5436,
7.7834

■ 203.4500,
-49.5218, 17.1454

■ 52.8500, -26.0550,
3.6396

■ 232.1080,
-50.8322, 17.4453

■ 32.4610, -16.0033,
-0.4043

■ 243.7140,
-43.2430, 9.8978

■ 11.7400, -5.7878,
-10.2960

■ 246.9060,
-31.0127, 7.0984

■ 0.0000, 0.0000,
0.0000

■ 250.2120,

-18.3455, 4.1991

■ 253.5180, -5.6784,
1.2997

■ 121.2000,
-50.3846, 13.8566

■ 121.2000,
-50.3846, 13.8566

■ 119.6040,
-56.4998, 15.2563

■ 122.7960,
-44.2694, 12.4569

■ 118.4470,
-58.3944, 16.2710

■ 124.8650,
-38.8804, 10.6424

■ 126.4610,
-32.7653, 9.2427

■ 128.6440,
-26.9395, 7.3282

■ 130.2400,
-20.8243, 5.9285

■ 132.3090,
-15.4353, 4.1140

■ 133.9050, -9.3202,
2.7143

■ 136.0880, -3.4944,
0.7998

■ 137.5700, 2.1840,
-0.4999

Harmonies

Analogous

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



125.1470, -46.4145, 47.2291



121.2000, -50.3846, 13.8566



115.1590, -31.6304, -28.2034

Triad

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



121.2000, -50.3846, 13.8566



110.6390, 40.6040, -97.0304



130.8100, 15.3767, 61.5566

Complementary

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



121.2000, -50.3846, 13.8566



34.8000, 50.3846, -13.8566

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.



132.8830, 34.5677, 19.3966



121.2000, -50.3846, 13.8566



109.1350, 55.1494, -95.7114

Square

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



121.2000, -50.3846, 13.8566



106.5690, 19.9325, -93.4610



119.9110, 51.8089, -50.7879



126.4860, -6.6486, 79.3808

Rectangle

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



121.2000, -50.3846, 13.8566



99.6870, -9.2127, -78.6555



119.9110, 51.8089, -50.7879



132.1660, 22.1032, 50.7204

Sweetspot

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



121.2000, -50.3846, 13.8566



172.4680, -19.9507, 5.7286



54.9660, -14.7732, 71.9438



85.3350, -11.5042, 3.2142



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.



121.2000, -50.3846, 13.8566



154.4850, -76.1611, 21.4997



107.7010, -43.7296, -20.7858



68.2020, -3.0576, 0.6998



114.9030, -56.6472, 15.8711



4.4300, -2.1840, 0.4999

Inverse Universe

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



34.8000, 50.3846, -13.8566



23.9280, 76.4505, -20.9849



48.2990, 43.7296, 20.7858



62.7980, 3.0576, -0.6998



17.5100, 56.9366, -15.3563



0.5700, 2.1840, -0.4999

Previews

White Background



This preview shows how the YUV color 121.2000, -50.3846, 13.8566 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 121.2000, -50.3846, 13.8566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

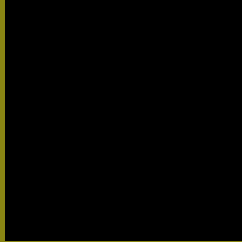
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 121.2000, -50.3846, 13.8566

Background



This preview shows how black text looks on a background with the YUV color 121.2000, -50.3846, 13.8566.



This preview shows how white text looks on a background with the YUV color 121.2000, -50.3846,

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

121.2000, -50.3846, 13.8566

Protanopia

122.0160, -51.2799, 21.0340

Deuteranopia

123.9020, -48.2657, 34.2889



Tritanopia

131.3050, 0.8356, 12.0105

Trichromacy



Original Color

121.2000, -50.3846, 13.8566

Protanomaly

121.7060, -51.1271, 18.6748

Deuteranomaly

123.2170, -49.4070, 26.9967

Tritanomaly

127.4950, -17.4990, 12.7209

Monochromacy



Original Color

121.2000, -50.3846, 13.8566

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

120.9240, -18.2035, 5.3287

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.2000, -50.3846, 13.8566 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(137, 133, 19)` looks like.

```
.text, #text, p{  
    color:rgb(137, 133, 19)  
}
```

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(137, 133, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 133, 19) }
```

Border

The CSS property to change the border of an element to YUV 121.2000, -50.3846, 13.8566 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(137, 133, 19) }
```


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

```
.border{ border-color:rgb(137, 133, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 133, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 133, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 133, 19);  
box-shadow:4px 4px 4px 4px rgb(137, 133,  
19) }
```

Background

The CSS property to change the background color of an element to YUV 121.2000, -50.3846, 13.8566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 133, 19) }
```

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

```
.background{ background-color: rgb(137,  
133, 19) }
```

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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