

Converting Colors

YUV(113.4170, -9.0796,
18.9283)

Have a look what the booklet for
YUV(113.4170, -9.0796, 18.9283)
contains.

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Color

**YUV(113.4170, -9.0796,
18.9283)**

Conversions

Conversions Part 1

Format	Color
Hex	876A5F
RGB	135, 106, 95
RGB Percent	53%, 42%, 37%
CMY	0.4706, 0.5843, 0.6275
CMYK	0.00, 0.21, 0.30, 0.47
HSL	17°, 17%, 45%
HSV	17°, 30%, 53%
XYZ	17.2113, 16.2852, 13.0627
YIQ	113.4170, 20.8150, 2.7270

Conversions

Conversions Part 2

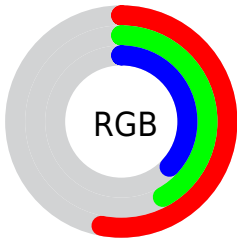
Format	Color
R_{YB}	135, 110, 95
Decimal	8874591
CIE Lab	47.35, 9.83, 10.58
CIE LCh	47, 14.440, 47.098
Yxy	16.2852, 0.3697, 0.3498
Android (android.graphics.Color)	4287064671 (0xFF876A5F)
YUV	113.4170, -9.0796, 18.9283
Hunter-Lab	40.3549, 5.5087, 9.0565

Details

The YUV color **113.4170, -9.0796, 18.9283** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **116.5830, 9.0796, -18.9283**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.2000, -9.9586, 20.8726**, and **65.3350, -8.0532, 16.3692** is the 20% darker color. If you saturate the color by 10%, you get **106.0650, -11.8640, 25.3760**, and if you desaturate by 10%, it is **120.8830, -5.8583, 12.3806**.

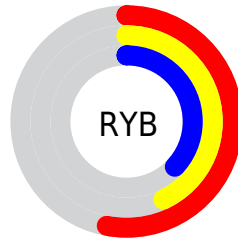
Distribution



Red (53%)

Green (42%)

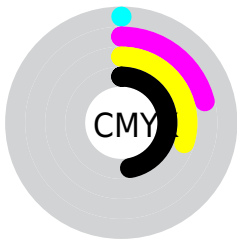
Blue (37%)



Red (53%)

Yellow (43%)

Blue (37%)

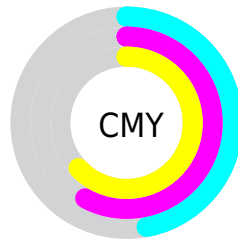


Cyan (0%)

Magenta (21%)

Yellow (30%)

Black (47%)



Cyan (47%)

Magenta (58%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.4170, -9.0796, 18.9283 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 113.4170, -9.0796, 18.9283 by changing the saturation by 10% instead.

■ 113.4170, -9.0796,
18.9283

■ 113.4170, -9.0796,
18.9283

255.0000, 0.0000,
0.0000

■ 88.8190, -8.7848,
17.6987

■ 165.2000, -9.9586,
20.8726

■ 65.3350, -8.0532,
16.3692

■ 192.4990,
-10.1060, 21.4874

■ 42.8510, -7.3215,
15.0397

■ 220.6840,
-10.6902, 22.2021

■ 21.1670, -9.9423,
15.6395

■ 243.0030, -7.8895,
10.5214

■ 0.0000, 0.0000,
0.0000

■ 113.4170, -9.0796,

■ 113.4170, -9.0796,

18.9283

18.9283

■ 106.0650,
-11.8640, 25.3760

■ 120.8830, -5.8583,
12.3806

■ 98.5990, -15.0853,
31.9237

■ 128.2350, -3.0739,
5.9329

■ 91.8340, -18.1592,
37.8566

■ 135.1140, 0.4368,
-0.1000

■ 84.3680, -21.3804,
44.4043

■ 142.4660, 3.2213,
-6.5477

■ 77.0160, -24.1649,
50.8520

■ 149.9320, 6.4425,
-13.0954

■ 69.5500, -27.3861,
57.3997

■ 157.2840, 9.2270,
-19.5431

■ 62.1980, -30.1706,
63.8474

■ 164.7500, 12.4483,
-26.0907

■ 62.0840, -30.6074,
63.9473

■ 171.5150, 15.5221,
-32.0237

■ 178.9810, 18.7434,
-38.5713

Harmonies

Analogous

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



114.3940, -4.1382, 20.7025



113.4170, -9.0796, 18.9283



112.6890, -11.6787, 12.5507

Triad

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



113.4170, -9.0796, 18.9283



108.2490, -1.1088, -17.7584



112.8390, 10.9254, -4.2438

Complementary

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



113.4170, -9.0796, 18.9283



116.5830, 9.0796, -18.9283

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.



110.5170, 12.5631, -16.2394



113.4170, -9.0796, 18.9283



107.3390, 5.7489, -23.9763

Square

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



113.4170, -9.0796, 18.9283



109.4090, -7.1036, -8.2517



108.3050, 10.6956, -23.9465



114.2920, 7.2510, 7.6369

Rectangle

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



113.4170, -9.0796, 18.9283



111.3570, -11.5150, 6.7029



108.3050, 10.6956, -23.9465



111.7460, 11.9572, -8.5472

Sweetspot

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



113.4170, -9.0796, 18.9283



167.1320, -3.5161, 7.7772



110.2660, 6.7709, 21.6917



83.7510, -2.3422, 4.6034



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.



113.4170, -9.0796, 18.9283



141.8160, -14.2063, 29.9794



125.1570, -14.8674, 8.6323



62.3810, -1.1738, 3.1739



60.0020, -29.5810, 61.3882



1.4840, -0.7316, 1.3295

Inverse Universe

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



116.5830, 9.0796, -18.9283



147.1840, 14.2063, -29.9794



104.8430, 14.8674, -8.6323



63.0320, 1.4632, -2.6591



69.9980, 29.5810, -61.3882



1.5160, 0.7316, -1.3295

Previews

White Background



This preview shows how the YUV color 113.4170, -9.0796, 18.9283 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 113.4170, -9.0796, 18.9283 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 113.4170, -9.0796, 18.9283

Background



This preview shows how black text looks on a background with the YUV color 113.4170, -9.0796, 18.9283.

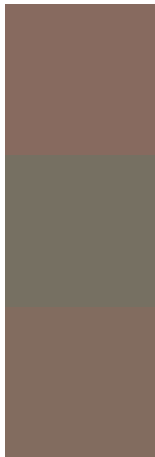


This preview shows how white text looks on a background with the YUV color 113.4170, -9.0796,

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

113.4170, -9.0796, 18.9283

Protanopia

112.1980, -6.9996, 5.0884

Deuteranopia

113.0960, -8.9213, 14.8248



Tritanopia

114.7790, -1.3700, 19.4878

Trichromacy



Original Color

113.4170, -9.0796, 18.9283

Protanomaly

112.7040, -7.7421, 9.9066

Deuteranomaly

113.1070, -8.9268, 16.5692

Tritanomaly

114.3830, -4.1328, 18.9581

Monochromacy



Original Color

113.4170, -9.0796, 18.9283

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

112.8330, -3.3687, 7.1625

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.4170, -9.0796, 18.9283 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(135, 106, 95)` looks like.

```
.text, #text, p{  
    color:rgb(135, 106, 95)  
}
```

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(135, 106, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 106, 95) }
```

Border

The CSS property to change the border of an element to YUV 113.4170, -9.0796, 18.9283 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(135, 106, 95) }
```


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

```
.border{ border-color:rgb(135, 106, 95) }
```

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

Here you see how a box with a 4 pixel rgb(135, 106, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 106, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 106, 95);  
box-shadow:4px 4px 4px 4px rgb(135, 106,  
95) }
```

Background

The CSS property to change the background color of an element to YUV 113.4170, -9.0796, 18.9283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 106, 95) }
```

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

```
.background{ background-color: rgb(135,  
106, 95) }
```

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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