

Converting Colors

YUV(129.4810, -6.1531,
13.6102)

Have a look what the booklet for
YUV(129.4810, -6.1531, 13.6102)
contains.

YUV(129.4810, -6.1531, 13.6102)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(129.4810, -6.1531,
13.6102)**

Conversions

Conversions Part 1

Format	Color
Hex	917C75
RGB	145, 124, 117
RGB Percent	57%, 49%, 46%
CMY	0.4314, 0.5137, 0.5412
CMYK	0.00, 0.14, 0.19, 0.43
HSL	15°, 11%, 51%
HSV	15°, 19%, 57%
XYZ	22.0956, 21.7194, 19.8573
YIQ	129.4810, 14.7630, 2.2750

Conversions

Conversions Part 2

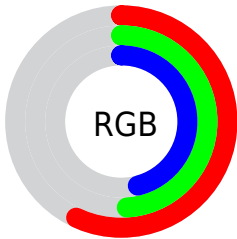
Format	Color
R_{YB}	145, 126, 117
Decimal	9534581
CIE Lab	53.73, 6.89, 6.80
CIE LCh	54, 9.680, 44.644
Yxy	21.7194, 0.3470, 0.3411
Android (android.graphics.Color)	4287724661 (0xFF917C75)
YUV	129.4810, -6.1531, 13.6102
Hunter-Lab	46.6041, 3.0720, 7.3602

Details

The YUV color **129.4810, -6.1531, 13.6102** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **132.5190, 6.1531, -13.6102**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.6660, -6.7373, 14.3249**, and **79.9970, -5.4215, 12.2806** is the 20% darker color. If you saturate the color by 10%, you get **121.3140, -9.5218, 20.7726**, and if you desaturate by 10%, it is **137.6480, -2.7845, 6.4477**.

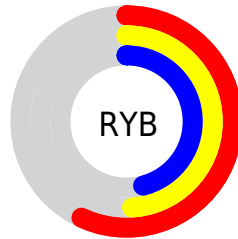
Distribution



Red (57%)

Green (49%)

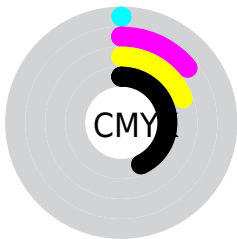
Blue (46%)



Red (57%)

Yellow (49%)

Blue (46%)

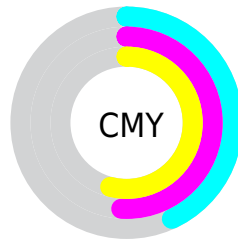


Cyan (0%)

Magenta (14%)

Yellow (19%)

Black (43%)



Cyan (43%)

Magenta (51%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 129.4810, -6.1531, 13.6102 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 129.4810, -6.1531, 13.6102 by changing the saturation by 10% instead.

■ 129.4810, -6.1531,
13.6102

■ 129.4810, -6.1531,
13.6102

255.0000, 0.0000,
0.0000

■ 104.1820, -6.0057,
12.9954

■ 182.6660, -6.7373,
14.3249

■ 79.9970, -5.4215,
12.2806

■ 209.9650, -6.8847,
14.9397

■ 57.3990, -5.1267,
11.0511

■ 237.9650, -6.8847,
14.9397

■ 35.2140, -4.5425,
10.3363

254.7720, -0.8736,
0.2000

■ 13.0680, -6.4425,
13.0954

■ 0.0000, 0.0000,
0.0000

■ 129.4810, -6.1531,
13.6102

■ 129.4810, -6.1531,
13.6102

■ 121.3140, -9.5218,
20.7726

■ 137.6480, -2.7845,
6.4477

■ 113.2610,
-12.4537, 27.8351

■ 145.7010, 0.1474,
-0.6148

■ 105.2080,
-15.3855, 34.8976

■ 153.8680, 3.5161,
-7.7772

■ 97.6280, -19.0436,
41.5452

■ 161.9210, 6.4479,
-14.8397

■ 89.5750, -21.9755,
48.6077

■ 169.5010, 10.1060,
-21.4874

■ 81.4080, -25.3441,
55.7702

■ 177.5540, 13.0379,
-28.5499

■ 73.2410, -28.7128,
62.9326

■ 185.7210, 16.4065,
-35.7123

■ 65.1880, -31.6447,

■ 193.7740, 19.3384,

69.9951

-42.7748

■ 64.4870, -31.7921,
70.6099

■ 201.9410, 22.7071,
-49.9373

Harmonies

Analogous

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



129.9910, -2.9536, 14.0399



129.4810, -6.1531, 13.6102



128.4050, -7.5947, 9.2918

Triad

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



129.4810, -6.1531, 13.6102



125.9940, -0.9830, -11.3957



128.9270, 7.4310, -3.4440

Complementary

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



129.4810, -6.1531, 13.6102



132.5190, 6.1531, -13.6102

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.



127.1110, 8.3263, -10.6213



129.4810, -6.1531, 13.6102



125.4110, 3.2484, -15.2694

Square

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



129.4810, -6.1531, 13.6102



126.8870, -5.3673, -5.1629



125.7360, 7.0322, -15.5545



129.7000, 5.0779, 4.6481

Rectangle

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



129.4810, -6.1531, 13.6102



127.9700, -7.8732, 5.2883



125.7360, 7.0322, -15.5545



128.4320, 8.1680, -6.5179

Sweetspot

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



129.4810, -6.1531, 13.6102



182.3490, -2.6371, 5.8329



127.7660, 5.0454, 15.1142



90.3810, -1.1738, 3.1739



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



129.4810, -6.1531, 13.6102



164.6130, -9.6692, 21.3874



137.6990, -10.2046, 6.4030



67.2670, -1.6106, 3.2738



60.3230, -29.7392, 65.4917



3.5660, -1.7580, 3.8886

Inverse Universe

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



132.5190, 6.1531, -13.6102



169.3870, 9.6692, -21.3874



124.3010, 10.2046, -6.4030



68.3200, 1.3212, -3.7886



74.6770, 29.7392, -65.4917



4.4340, 1.7580, -3.8886

Previews

White Background



This preview shows how the YUV color 129.4810, -6.1531, 13.6102 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 129.4810, -6.1531, 13.6102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

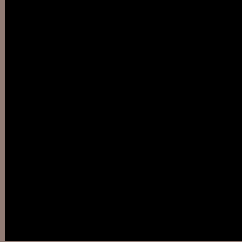
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 129.4810, -6.1531, 13.6102

Background



This preview shows how black text looks on a background with the YUV color 129.4810, -6.1531, 13.6102.



This preview shows how white text looks on a background with the YUV color 129.4810, -6.1531,

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

129.4810, -6.1531, 13.6102

Protanopia

128.4690, -4.6682, 3.9737

Deuteranopia

129.4810, -6.1531, 13.6102



Tritanopia

130.5010, 0.2460, 14.4696

Trichromacy



Original Color

129.4810, -6.1531, 13.6102

Protanomaly

128.9640, -5.4053, 7.0476

Deuteranomaly

129.4810, -6.1531, 13.6102

Tritanomaly

130.2190, -2.0800, 13.8399

Monochromacy



Original Color

129.4810, -6.1531, 13.6102

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

129.1640, -2.0529, 5.1182

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.4810, -6.1531, 13.6102 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(145, 124, 117)` looks like.

```
.text, #text, p{  
    color:rgb(145, 124, 117)  
}
```

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(145, 124, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 124, 117) }
```

Border

The CSS property to change the border of an element to YUV 129.4810, -6.1531, 13.6102 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(145, 124, 117) }
```


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

```
.border{ border-color:rgb(145, 124, 117) }
```

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

Here you see how a box with a 4 pixel rgb(145, 124, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 124, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 124, 117);  
box-shadow:4px 4px 4px 4px rgb(145, 124,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 129.4810, -6.1531, 13.6102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 124, 117) }
```

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

```
.background{ background-color: rgb(145,  
124, 117) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor