

Converting Colors

YUV(158.4870, -18.4811,
47.8079)

Have a look what the booklet for
YUV(158.4870, -18.4811, 47.8079)
contains.

YUV(158.4870, -18.4811, 47.8079)	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(158.4870, -18.4811,
47.8079)**

Conversions

Conversions Part 1

Format	Color
Hex	D58A79
RGB	213, 138, 121
RGB Percent	84%, 54%, 47%
CMY	0.1647, 0.4588, 0.5255
CMYK	0.00, 0.35, 0.43, 0.16
HSL	11°, 52%, 65%
HSV	11°, 43%, 84%
XYZ	39.9802, 33.7036, 22.4874
YIQ	158.4870, 50.1570, 10.6130

Conversions

Conversions Part 2

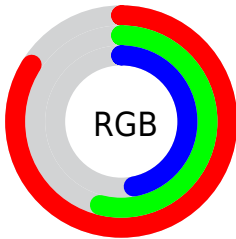
Format	Color
R _Y B	213, 142, 121
Decimal	13994617
CIE Lab	64.73, 26.67, 20.96
CIE LCh	65, 33.926, 38.166
Yxy	33.7036, 0.4157, 0.3505
Android (android.graphics.Color)	4292184697 (0xFFD58A79)
YUV	158.4870, -18.4811, 47.8079
Hunter-Lab	58.0548, 21.3307, 17.6725

Details

The YUV color **158.4870, -18.4811, 47.8079** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **175.5130, 18.4811, -47.8079**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.6710, -17.5858, 40.6305**, and **105.9210, -16.7231, 43.9193** is the 20% darker color. If you saturate the color by 10%, you get **146.1140, -22.7342, 58.6590**, and if you desaturate by 10%, it is **170.8600, -14.2280, 36.9568**.

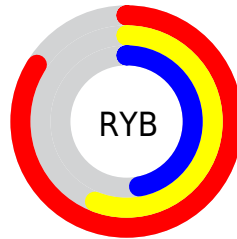
Distribution



Red (84%)

Green (54%)

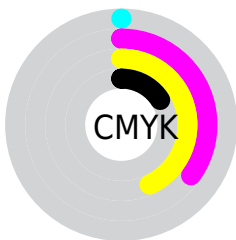
Blue (47%)



Red (84%)

Yellow (56%)

Blue (47%)

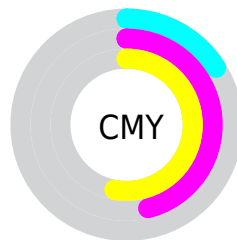


Cyan (0%)

Magenta (35%)

Yellow (43%)

Black (16%)



Cyan (16%)

Magenta (46%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.4870, -18.4811, 47.8079 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 158.4870, -18.4811, 47.8079 by changing the saturation by 10% instead.

■ 158.4870,
-18.4811, 47.8079

■ 158.4870,
-18.4811, 47.8079

■ 255.0000, 0.0000,
0.0000

■ 131.7040,
-17.6021, 45.8636

■ 208.6710,
-17.5858, 40.6305

■ 105.9210,
-16.7231, 43.9193

■ 228.2990,
-13.4584, 23.4168

■ 80.9530, -15.2598,
41.2602

■ 248.5140, -9.6204,
5.6882

■ 56.8710, -14.2334,
38.7011

■ 31.9740, -13.7912,
36.8568

■ 14.6510, -7.2229,
30.1241

■ 2.9900, -1.4741,

6.1478

■ 0.0000, 0.0000,
0.0000

■ 158.4870,
-18.4811, 47.8079

■ 158.4870,
-18.4811, 47.8079

■ 146.1140,
-22.7342, 58.6590

■ 170.8600,
-14.2280, 36.9568

■ 133.0400,
-27.1347, 70.1249

■ 183.9340, -9.8275,
25.4909

■ 120.6670,
-31.3878, 80.9760

■ 196.3070, -5.5744,
14.6398

■ 108.2940,
-35.6409, 91.8272

■ 208.6800, -1.3212,
3.7886

■ 95.2200, -40.0415,
103.2931

■ 221.7540, 3.0793,
-7.6773

■ 86.5800, -42.6839,
110.8703

■ 234.1270, 7.3324,
-18.5284

■ 242.4420, 6.1911,
-25.8206

Harmonies

Analogous

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



160.3420, -5.0986, 48.8121



158.4870, -18.4811, 47.8079



156.4070, -27.3157, 34.7231

Triad

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



158.4870, -18.4811, 47.8079



145.7270, -6.2744, -40.9796



154.8700, 30.6301, -24.4420

Complementary

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



158.4870, -18.4811, 47.8079



175.5130, 18.4811, -47.8079

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.



144.7470, 33.6487, -59.4141



158.4870, -18.4811, 47.8079



138.3010, 13.1626, -68.6700

Square

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



158.4870, -18.4811, 47.8079



150.4180, -20.9121, -12.6446



134.6270, 28.7779, -83.8649



160.2010, 22.0859, 9.4707

Rectangle

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



158.4870, -18.4811, 47.8079



155.4500, -29.3088, 20.6534



134.6270, 28.7779, -83.8649



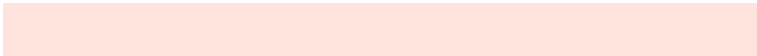
152.4340, 31.8310, -36.3376

Sweetspot

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



158.4870, -18.4811, 47.8079



235.3890, -6.6008, 17.1988



157.0580, 19.1984, 49.0611



115.6270, -4.2531, 10.8511



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



158.4870, -18.4811, 47.8079



176.4420, -26.8399, 68.8954



185.4890, -31.7931, 24.1271



100.4630, -2.2003, 5.7329



69.9130, -34.4671, 88.6533



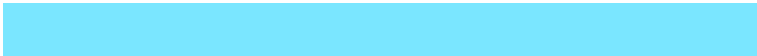
17.5530, -8.6536, 22.3170

Inverse Universe

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



175.5130, 18.4811, -47.8079



200.5580, 26.8399, -68.8954



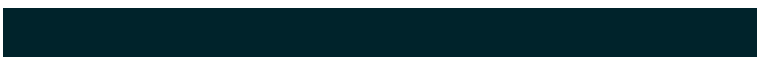
148.5110, 31.7931, -24.1271



102.5370, 2.2003, -5.7329



101.0870, 34.4671, -88.6533



25.4470, 8.6536, -22.3170

Previews

White Background



This preview shows how the YUV color 158.4870, -18.4811, 47.8079 looks on a white background.

Color Contrast Check

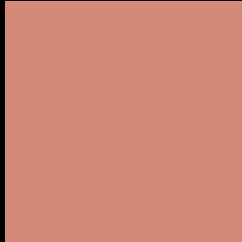
Large Text (above 18pt) WCAG AA × Fail

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 158.4870, -18.4811, 47.8079 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 ✓ Pass

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

YUV 158.4870, -18.4811, 47.8079

Background



This preview shows how black text looks on a background with the YUV color 158.4870, -18.4811, 47.8079.



This preview shows how white text looks on a background with the YUV color 158.4870, -18.4811,

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

158.4870, -18.4811, 47.8079

Protanopia

156.6130, -13.1202, 8.2324

Deuteranopia

157.5180, -18.9894, 24.1017



Tritanopia

160.0600, -7.4246, 48.1824

Trichromacy



Original Color

158.4870, -18.4811, 47.8079

Protanomaly

157.2450, -14.9108, 22.5871

Deuteranomaly

157.6870, -18.5797, 32.7235

Tritanomaly

159.3220, -11.4977, 47.9526

Monochromacy



Original Color

158.4870, -18.4811, 47.8079

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

158.3890, -6.6008, 17.1988

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.4870, -18.4811, 47.8079 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(213, 138, 121)` looks like.

```
.text, #text, p{  
    color:rgb(213, 138, 121)  
}
```

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(213, 138, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 138, 121) }
```

Border

The CSS property to change the border of an element to YUV 158.4870, -18.4811, 47.8079 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(213, 138, 121) }
```


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

```
.border{ border-color:rgb(213, 138, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 138, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 138, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 138, 121);  
box-shadow:4px 4px 4px 4px rgb(213, 138,  
121) }
```

Background

The CSS property to change the background color of an element to YUV 158.4870, -18.4811, 47.8079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 138, 121) }
```

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

```
.background{ background-color: rgb(213,  
138, 121) }
```

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