

Converting Colors

YUV(98.4830, -2.7031, -19.7176)

Have a look what the booklet for
YUV(98.4830, -2.7031, -19.7176)
contains.

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Color

**YUV(98.4830, -2.7031,
-19.7176)**

Conversions

Conversions Part 1

Format	Color
Hex	4C6F5D
RGB	76, 111, 93
RGB Percent	30%, 44%, 36%
CMY	0.7020, 0.5647, 0.6353
CMYK	0.32, 0.00, 0.16, 0.56
HSL	149°, 19%, 37%
HSV	149°, 32%, 44%
XYZ	10.6407, 13.6957, 12.4386
YIQ	98.4830, -15.0820, -13.0180

Conversions

Conversions Part 2

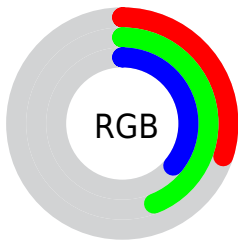
Format	Color
R_{YB}	76, 100, 111
Decimal	5009245
CIE Lab	43.79, -16.75, 6.05
CIE LCh	44, 17.808, 160.146
Yxy	13.6957, 0.2893, 0.3724
Android (android.graphics.Color)	4283199325 (0xFF4C6F5D)
YUV	98.4830, -2.7031, -19.7176
Hunter-Lab	37.0077, -13.4399, 5.9775

Details

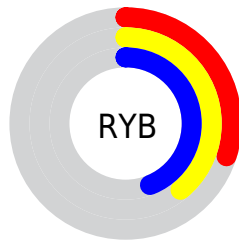
The YUV color **98.4830, -2.7031, -19.7176** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **88.5170, 2.7031, 19.7176**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.6570, -3.2819, -20.7472**, and **51.3090, -2.1243, -18.6880** is the 20% darker color. If you saturate the color by 10%, you get **94.5100, -3.7024, -25.8803**, and if you desaturate by 10%, it is **102.4560, -1.7038, -13.5549**.

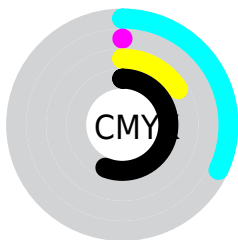
Distribution



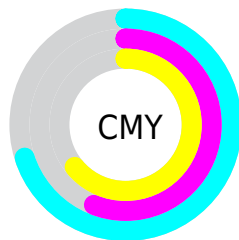
- Red (30%)
- Green (44%)
- Blue (36%)



- Red (30%)
- Yellow (39%)
- Blue (44%)



- Cyan (32%)
- Magenta (0%)
- Yellow (16%)
- Black (56%)



- Cyan (70%)
- Magenta (56%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.4830, -2.7031, -19.7176 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 98.4830, -2.7031, -19.7176 by changing the saturation by 10% instead.

■ 98.4830, -2.7031,
-19.7176

■ 98.4830, -2.7031,
-19.7176

■ 255.0000, 0.0000,
0.0000

■ 73.8960, -2.4137,
-19.2028

■ 149.6570, -3.2819,
-20.7472

■ 51.3090, -2.1243,
-18.6880

■ 176.3580, -3.1345,
-21.3620

■ 28.8250, -1.3927,
-20.0175

■ 203.9450, -3.4239,
-21.8768

■ 12.9140, -6.3666,
-11.3256

■ 231.9450, -3.4239,
-21.8768

■ 0.0000, 0.0000,
0.0000

■ 248.9060, 2.5113,
-12.1956

■ 98.4830, -2.7031,
-19.7176

■ 98.4830, -2.7031,
-19.7176

■ 94.5100, -3.7024,
-25.8803

■ 102.4560, -1.7038,
-13.5549

■ 90.6510, -4.2649,
-32.1429

■ 106.3150, -1.1413,
-7.2923

■ 86.6780, -5.2643,
-38.3056

■ 110.2880, -0.1420,
-1.1296

■ 82.7050, -6.2636,
-44.4683

■ 114.2610, 0.8573,
5.0331

■ 78.7320, -7.2629,
-50.6310

■ 118.5330, 1.7092,
11.8106

■ 74.5740, -7.6780,
-57.5084

■ 122.3920, 2.2717,
18.0732

■ 71.3130, -8.5353,
-62.5415

■ 126.3650, 3.2711,
24.2359

■ 130.3380, 4.2704,

30.3986

■ 134.1970, 4.8329,
36.6612

Harmonies

Analogous

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



100.4370, -9.5824, -6.5222



98.4830, -2.7031, -19.7176



96.8930, 5.4758, -29.7242

Triad

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



98.4830, -2.7031, -19.7176



103.0170, 14.2886, -9.6619



104.9230, -9.8220, 23.7465

Complementary

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



98.4830, -2.7031, -19.7176



88.5170, 2.7031, 19.7176

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.



105.6440, -3.2755, 23.9912



98.4830, -2.7031, -19.7176



105.3780, 10.1666, 5.8075

Square

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



98.4830, -2.7031, -19.7176



99.8580, 15.3530, -24.4315



106.1470, 3.8715, 18.2881



103.5540, -13.5841, 17.0541

Rectangle

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



98.4830, -2.7031, -19.7176



96.5490, 10.5753, -32.0535



106.1470, 3.8715, 18.2881



105.0910, -7.9329, 24.4762

Sweetspot

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



98.4830, -2.7031, -19.7176



140.4290, -0.7045, -7.3922



101.9270, -12.7820, -6.9520



71.1520, -0.5679, -4.5183



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



98.4830, -2.7031, -19.7176



125.3630, -4.1230, -31.0134



100.4210, 4.7224, -21.4172



53.8640, -0.4260, -3.3887



77.0520, -9.3926, -67.5746



158.6690, -19.0638, -139.1527

Inverse Universe

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



88.5170, 2.7031, 19.7176



109.7510, 4.5598, 30.9134



86.5790, -4.7224, 21.4172



52.1360, 0.4260, 3.3887



42.9480, 9.3926, 67.5746



88.3310, 19.0638, 139.1527

Previews

White Background



This preview shows how the YUV color 98.4830, -2.7031, -19.7176 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 98.4830, -2.7031, -19.7176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

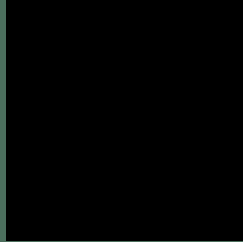
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 98.4830, -2.7031, -19.7176

Background



This preview shows how black text looks on a background with the YUV color 98.4830, -2.7031, -19.7176.



This preview shows how white text looks on a background with the YUV color 98.4830, -2.7031, -19.7176.

-19.7176.

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

98.4830, -2.7031, -19.7176

Protanopia

102.8990, -6.8522, 4.4736

Deuteranopia

104.2140, -4.5425, 10.3363



Tritanopia

100.8390, 7.4744, -17.3988

Trichromacy



Original Color

98.4830, -2.7031, -19.7176

Protanomaly

101.1860, -5.5147, -4.5481

Deuteranomaly

101.9630, -3.9258, -0.8446

Tritanomaly

99.9160, 3.9854, -18.3433

Monochromacy



Original Color

98.4830, -2.7031, -19.7176

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

98.3150, -1.1413, -7.2923

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.4830, -2.7031, -19.7176 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(76, 111, 93)` looks like.

```
.text, #text, p{  
    color:rgb(76, 111, 93)  
}
```

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(76, 111, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 111, 93) }
```

Border

The CSS property to change the border of an element to YUV 98.4830, -2.7031, -19.7176 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(76, 111, 93) }
```


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

```
.border{ border-color:rgb(76, 111, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 111, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 111, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 111, 93);  
box-shadow:4px 4px 4px 4px rgb(76, 111,  
93) }
```

Background

The CSS property to change the background color of an element to YUV 98.4830, -2.7031, -19.7176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 111, 93) }
```

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

```
.background{ background-color: rgb(76, 111,  
93) }
```

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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