

Converting Colors

YUV(190.7870, -30.4610,
16.8498)

Have a look what the booklet for
YUV(190.7870, -30.4610, 16.8498)
contains.

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Color

**YUV(190.7870, -30.4610,
16.8498)**

Conversions

Conversions Part 1

Format	Color
Hex	D2C181
RGB	210, 193, 129
RGB Percent	82%, 76%, 51%
CMY	0.1765, 0.2431, 0.4941
CMYK	0.00, 0.08, 0.39, 0.18
HSL	47°, 47%, 66%
HSV	47°, 39%, 82%
XYZ	49.6108, 53.4265, 28.4665
YIQ	190.7870, 30.6760, -16.3000

Conversions

Conversions Part 2

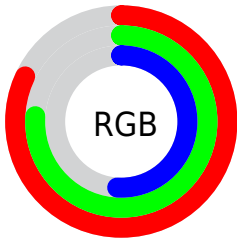
Format	Color
R_{YB}	151, 210, 129
Decimal	13812097
CIE _{Lab}	78.13, -3.14, 34.40
CIE _{LCh}	78, 34.544, 95.214
Yxy	53.4265, 0.3773, 0.4063
Android (android.graphics.Color)	4292002177 (0xFFD2C181)
YUV	190.7870, -30.4610, 16.8498
Hunter-Lab	73.0935, -6.7602, 28.0748

Details

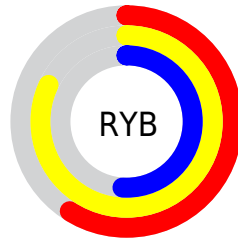
The YUV color $190.7870, -30.4610, 16.8498$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $148.2130, 30.4610, -16.8498$, and the grayscale version is $191.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $243.2700, -29.7131, 10.2872$, and $137.2320, -28.7084, 14.7055$ is the 20% darker color. If you saturate the color by 10%, you get $186.0450, -38.4762, 21.0085$, and if you desaturate by 10%, it is $195.5290, -22.4458, 12.6911$.

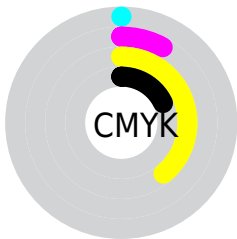
Distribution



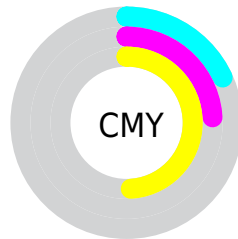
- Red (82%)
- Green (76%)
- Blue (51%)



- Red (59%)
- Yellow (82%)
- Blue (51%)



- Cyan (0%)
- Magenta (8%)
- Yellow (39%)
- Black (18%)



- Cyan (18%)
- Magenta (24%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 190.7870, -30.4610, 16.8498 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 190.7870, -30.4610, 16.8498 by changing the saturation by 10% instead.

■ 190.7870,
-30.4610, 16.8498

■ 190.7870,
-30.4610, 16.8498

■ 255.0000, 0.0000,
0.0000

■ 163.6020,
-29.8768, 16.1350

■ 243.2700,
-29.7131, 10.2872

■ 137.2320,
-28.7084, 14.7055

■ 249.8700,
-19.6559, 4.4990

■ 111.1610,
-27.6874, 13.8908

■ 253.1760, -6.9888,
1.5996

■ 86.5630, -27.3926,
12.6612

■ 62.7370, -27.9713,
11.6317

■ 41.9630, -20.6878,
8.8024

■ 22.4600, -11.0728,

4.8586

■ 0.0000, 0.0000,
0.0000

■ 190.7870,
-30.4610, 16.8498

■ 190.7870,
-30.4610, 16.8498

■ 186.0450,
-38.4762, 21.0085

■ 195.5290,
-22.4458, 12.6911

■ 180.7160,
-46.2020, 25.6821

■ 200.8580,
-14.7200, 8.0175

■ 175.9740,
-54.2172, 29.8408

■ 205.6000, -6.7048,
3.8588

■ 170.6450,
-61.9430, 34.5143

■ 210.9290, 1.0210,
-0.8147

■ 165.9030,
-69.9582, 38.6731

■ 215.6710, 9.0362,
-4.9735

■ 161.1610,
-77.9734, 42.8318

■ 220.4130, 17.0514,
-9.1322

■ 160.2320,
-78.9944, 43.6465

■ 223.3480, 15.6044,
-11.7062

■ 225.6960, 14.4469,
-13.7654

■ 228.6310, 12.9999,
-16.3394

Harmonies

Analogous

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



193.5000, -28.3475, 39.0265



190.7870, -30.4610, 16.8498



186.8590, -23.1015, -10.4003

Triad

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



190.7870, -30.4610, 16.8498



174.5030, 26.8670, -77.6171



198.2060, 11.2374, 35.7763

Complementary

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



190.7870, -30.4610, 16.8498



148.2130, 30.4610, -16.8498

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.



196.7600, 24.2753, 7.2265



190.7870, -30.4610, 16.8498



181.8500, 34.0909, -61.2584

Square

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



190.7870, -30.4610, 16.8498



176.9270, 10.3890, -65.7110



190.4890, 31.8039, -27.6159



196.9940, -3.9410, 50.8713

Rectangle

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



190.7870, -30.4610, 16.8498



184.1430, -13.8745, -29.9434



190.4890, 31.8039, -27.6159



198.0030, 15.7745, 27.1844

Sweetspot

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



190.7870, -30.4610, 16.8498



247.9440, -11.8044, 6.1881



155.2710, -4.0776, 47.9973



123.6000, -6.7048, 3.8588



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.



190.7870, -30.4610, 16.8498



226.9870, -43.8706, 24.5674



193.8890, -31.9903, -6.0417



101.9850, -3.9366, 2.6442



128.3030, -63.2534, 34.8143



31.0430, -15.3042, 8.7323

Inverse Universe

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



148.2130, 30.4610, -16.8498



165.4260, 44.1600, -24.0526



145.1110, 31.9903, 6.0417



96.4280, 4.2260, -2.1294



39.6970, 63.2534, -34.8143



9.9570, 15.3042, -8.7323

Previews

White Background



This preview shows how the YUV color 190.7870, -30.4610, 16.8498 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 190.7870, -30.4610, 16.8498 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

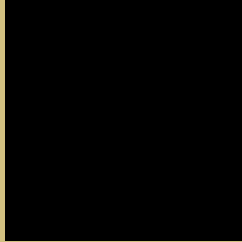
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 190.7870, -30.4610, 16.8498

Background



This preview shows how black text looks on a background with the YUV color 190.7870, -30.4610, 16.8498.



This preview shows how white text looks on a background with the YUV color 190.7870, -30.4610, 16.8498.

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

190.7870, -30.4610, 16.8498

Protanopia

190.7870, -30.4610, 16.8498

Deuteranopia

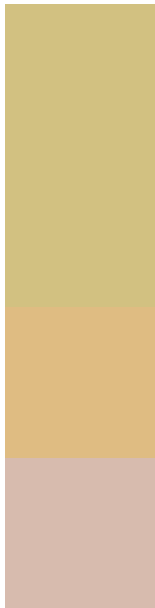
192.5980, -30.3678, 33.6786



Tritanopia

195.8760, 1.5401, 19.4027

Trichromacy



Original Color

190.7870, -30.4610, 16.8498

Protanomaly

190.7870, -30.4610, 16.8498

Deuteranomaly

191.8530, -30.4935, 27.3159

Tritanomaly

193.8900, -9.8058, 18.5135

Monochromacy



Original Color

190.7870, -30.4610, 16.8498

Achromatopsia

191.0000, 0.0000, 0.0000

Achromatomaly

191.0580, -11.3676, 6.0881

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.7870, -30.4610, 16.8498 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(210, 193, 129)` looks like.

```
.text, #text, p{  
    color:rgb(210, 193, 129)  
}
```

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(210, 193, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 193, 129) }
```

Border

The CSS property to change the border of an element to YUV 190.7870, -30.4610, 16.8498 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(210, 193, 129) }
```


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

```
.border{ border-color:rgb(210, 193, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 193, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 193, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 193, 129);  
box-shadow:4px 4px 4px 4px rgb(210, 193,  
129) }
```

Background

The CSS property to change the background color of an element to YUV 190.7870, -30.4610, 16.8498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 193, 129) }
```

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

```
.background{ background-color: rgb(210,  
193, 129) }
```

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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