

Converting Colors

YUV(221.8130, -26.5298,
15.9500)

Have a look what the booklet for
YUV(221.8130, -26.5298, 15.9500)
contains.

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Color

**YUV(221.8130, -26.5298,
15.9500)**

Conversions

Conversions Part 1

Format	Color
Hex	F0DFA8
RGB	240, 223, 168
RGB Percent	94%, 87%, 66%
CMY	0.0588, 0.1255, 0.3412
CMYK	0.00, 0.07, 0.30, 0.06
HSL	46°, 71%, 80%
HSV	46°, 30%, 94%
XYZ	69.3907, 74.1278, 47.6966
YIQ	221.8130, 27.7870, -13.5010

Conversions

Conversions Part 2

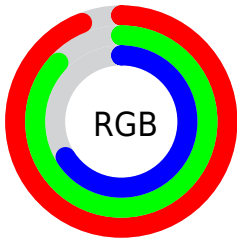
Format	Color
RYB	190, 240, 168
Decimal	15785896
CIELab	88.98, -2.29, 29.11
CIELCh	89, 29.202, 94.503
Yxy	74.1278, 0.3629, 0.3877
Android (android.graphics.Color)	4293975976 (0xFFFF0DFA8)
YUV	221.8130, -26.5298, 15.9500
Hunter-Lab	86.0975, -6.8075, 27.4226

Details

The YUV color $221.8130, -26.5298, 15.9500$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $186.1870, 26.5298, -15.9500$, and the grayscale version is $222.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.3520, -13.9775, 3.1993$, and $166.5570, -24.9246, 14.4205$ is the 20% darker color. If you saturate the color by 10%, you get $215.5550, -35.2766, 21.4383$, and if you desaturate by 10%, it is $228.0710, -17.7830, 10.4617$.

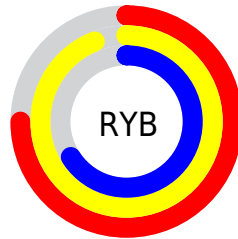
Distribution



Red (94%)

Green (87%)

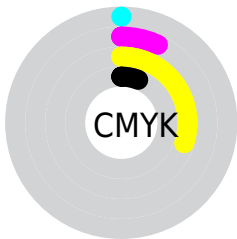
Blue (66%)



Red (75%)

Yellow (94%)

Blue (66%)

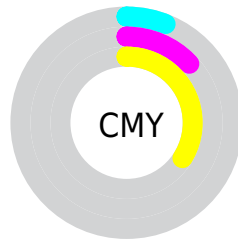


Cyan (0%)

Magenta (7%)

Yellow (30%)

Black (6%)



Cyan (6%)

Magenta (13%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 221.8130, -26.5298, 15.9500 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 221.8130, -26.5298, 15.9500 by changing the saturation by 10% instead.

■ 221.8130,
-26.5298, 15.9500

■ 221.8130,
-26.5298, 15.9500

255.0000, 0.0000,
0.0000

■ 193.6280,
-25.9456, 15.2352

■ 251.3520,
-13.9775, 3.1993

■ 166.5570,
-24.9246, 14.4205

■ 254.6580, -1.3104,
0.2999

■ 140.3720,
-24.3404, 13.7058

■ 114.1870,
-23.7562, 12.9910

■ 89.7030, -23.0246,
11.6615

■ 65.6320, -22.0036,
10.8467

■ 43.1480, -21.2720,

9.5172

■ 24.5310, -12.0938,
5.6733

■ 0.0000, 0.0000,
0.0000

■ 221.8130,
-26.5298, 15.9500

■ 221.8130,
-26.5298, 15.9500

■ 215.5550,
-35.2766, 21.4383

■ 228.0710,
-17.7830, 10.4617

■ 209.8840,
-44.3128, 26.4117

■ 233.7420, -8.7468,
5.4883

■ 203.6260,
-53.0596, 31.9000

■ 240.0000, 0.0000,
0.0000

■ 197.3680,
-61.8064, 37.3883

■ 245.2320, 4.8156,
-4.5885

■ 191.6970,
-70.8426, 42.3617

■ 248.1670, 3.3687,
-7.1625

■ 185.4390,
-79.5894, 47.8500

■ 250.5150, 2.2111,
-9.2217

■ 179.1810,
-88.3362, 53.3383

Harmonies

Analogous

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



221.6990, -23.5156, 29.2050



221.8130, -26.5298, 15.9500



218.2660, -20.3441, -8.1263

Triad

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



221.8130, -26.5298, 15.9500



211.4190, 20.9924, -60.0035



226.0260, 10.8332, 25.4102

Complementary

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



221.8130, -26.5298, 15.9500



186.1870, 26.5298, -15.9500

Split Complementary

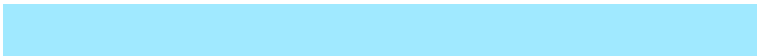
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



224.9420, 14.8186, 7.0669



221.8130, -26.5298, 15.9500



213.6810, 20.3703, -47.0782

Square

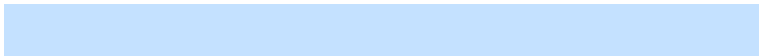
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



221.8130, -26.5298, 15.9500



211.6190, 7.5828, -52.2859



219.7490, 17.3787, -20.8279



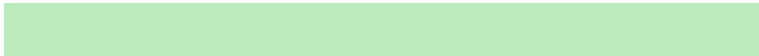
220.4860, -0.2396, 30.2688

Rectangle

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



221.8130, -26.5298, 15.9500



216.4040, -13.0172, -24.9103



219.7490, 17.3787, -20.8279



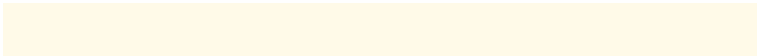
227.9980, 13.3120, 23.6808

Sweetspot

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



221.8130, -26.5298, 15.9500



249.4430, -8.5994, 4.8735



191.5800, -2.7509, 42.4643



123.9420, -5.3944, 3.5589



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

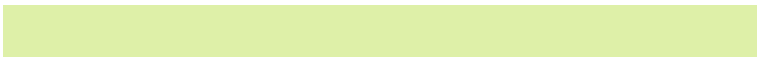
The Same Dimension uses a secret algorithm to generate beautiful new colors.



221.8130, -26.5298, 15.9500



231.5980, -33.8188, 20.5236



226.4100, -28.7961, -3.8676



116.8710, -4.3734, 2.7441



137.1960, -67.6376, 41.0471



41.9850, -20.6986, 12.2912

Inverse Universe

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



186.1870, 26.5298, -15.9500



186.4020, 33.8188, -20.5236



181.5900, 28.7961, 3.8676



111.1290, 4.3734, -2.7441



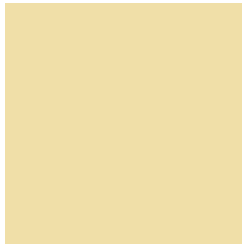
46.2170, 67.9270, -40.5323



14.0150, 20.6986, -12.2912

Previews

White Background



This preview shows how the YUV color 221.8130, -26.5298, 15.9500 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 221.8130, -26.5298, 15.9500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

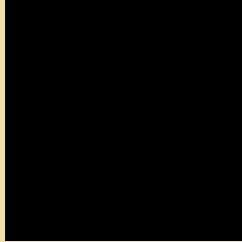
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 221.8130, -26.5298, 15.9500

Background



This preview shows how black text looks on a background with the YUV color 221.8130, -26.5298, 15.9500.



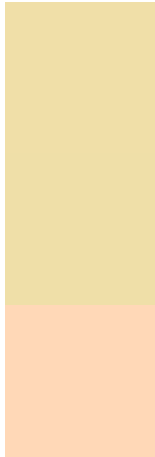
This preview shows how white text looks on a background with the YUV color 221.8130, -26.5298, 15.9500.

15.9500.

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

221.8130, -26.5298, 15.9500

Protanopia

221.5140, -26.3824, 15.3352

Deuteranopia

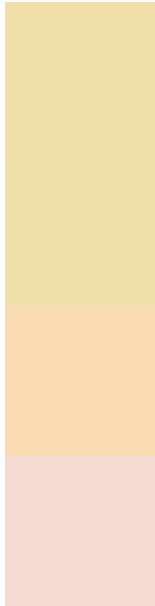
223.8990, -20.1632, 27.2756



Tritanopia

226.3920, 2.2717, 18.0732

Trichromacy



Original Color

221.8130, -26.5298, 15.9500

Protanomaly

221.5140, -26.3824, 15.3352

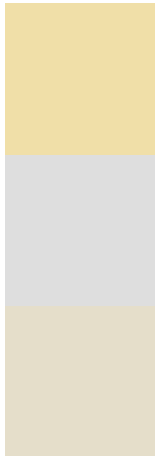
Deuteranomaly

223.5950, -22.4783, 23.1572

Tritanomaly

224.6340, -8.2006, 16.9840

Monochromacy



Original Color

221.8130, -26.5298, 15.9500

Achromatopsia

222.0000, 0.0000, 0.0000

Achromatomaly

221.8130, -9.7678, 6.3030

CSS Examples

Text

The CSS property to change the color of the text to YUV 221.8130, -26.5298, 15.9500 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(240, 223, 168)` looks like.

```
.text, #text, p{  
    color:rgb(240, 223, 168)  
}
```

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(240, 223, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 223, 168) }
```

Border

The CSS property to change the border of an element to YUV 221.8130, -26.5298, 15.9500 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(240, 223, 168) }
```


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

```
.border{ border-color:rgb(240, 223, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 223, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 223, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 223, 168);  
box-shadow:4px 4px 4px 4px rgb(240, 223,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 221.8130, -26.5298, 15.9500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 223, 168) }
```

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

```
.background{ background-color: rgb(240,  
223, 168) }
```

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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