

Converting Colors

YUV(211.8790, -30.0133,
13.2611)

Have a look what the booklet for
YUV(211.8790, -30.0133, 13.2611)
contains.

YUV(211.8790, -30.0133, 13.2611)	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(211.8790, -30.0133,
13.2611)**

Conversions

Conversions Part 1

Format	Color
Hex	E3D897
RGB	227, 216, 151
RGB Percent	89%, 85%, 59%
CMY	0.1098, 0.1529, 0.4078
CMYK	0.00, 0.05, 0.33, 0.11
HSL	51°, 58%, 74%
HSV	51°, 33%, 89%
XYZ	61.8203, 67.6770, 39.0828
YIQ	211.8790, 27.4210, -17.8830

Conversions

Conversions Part 2

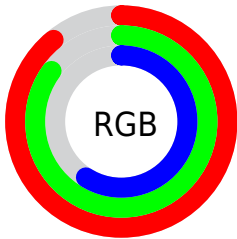
Format	Color
R_{YB}	164, 227, 151
Decimal	14932119
CIE _{Lab}	85.84, -5.77, 33.46
CIE _{LCh}	86, 33.952, 99.790
Yxy	67.6770, 0.3667, 0.4015
Android (android.graphics.Color)	4293122199 (0xFFE3D897)
YUV	211.8790, -30.0133, 13.2611
Hunter-Lab	82.2660, -9.8284, 29.4188

Details

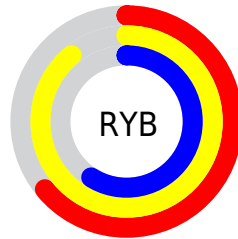
The YUV color $211.8790, -30.0133, 13.2611$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $166.1210, 30.0133, -13.2611$, and the grayscale version is $212.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.4140, -21.4031, 4.8989$, and $156.9220, -28.5555, 12.3464$ is the 20% darker color. If you saturate the color by 10%, you get $207.4960, -39.1915, 17.1050$, and if you desaturate by 10%, it is $216.2620, -20.8352, 9.4172$.

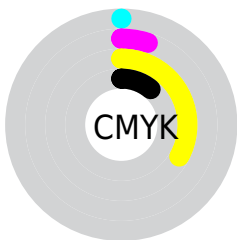
Distribution



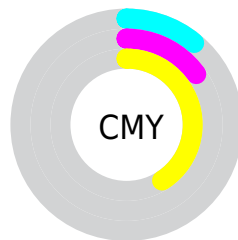
- Red (89%)
- Green (85%)
- Blue (59%)



- Red (64%)
- Yellow (89%)
- Blue (59%)



- Cyan (0%)
- Magenta (5%)
- Yellow (33%)
- Black (11%)



- Cyan (11%)
- Magenta (15%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 211.8790, -30.0133, 13.2611 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 211.8790, -30.0133, 13.2611 by changing the saturation by 10% instead.

■ 211.8790,
-30.0133, 13.2611

■ 211.8790,
-30.0133, 13.2611

255.0000, 0.0000,
0.0000

■ 183.8080,
-28.9923, 12.4464

■ 249.4140,
-21.4031, 4.8989

■ 156.9220,
-28.5555, 12.3464

■ 252.6060, -9.1728,
2.0995

■ 130.5520,
-27.3871, 10.9169

■ 105.3670,
-26.8029, 10.2021

■ 80.8830, -26.0713,
8.8726

■ 57.0570, -26.6501,
7.8430

■ 36.9240, -18.2035,

5.3287

■ 17.4100, -8.5831,
-0.3596

■ 0.0000, 0.0000,
0.0000

■ 211.8790,
-30.0133, 13.2611

■ 211.8790,
-30.0133, 13.2611

■ 207.4960,
-39.1915, 17.1050

■ 216.2620,
-20.8352, 9.4172

■ 202.6400,
-47.6435, 21.3637

■ 221.1180,
-12.3832, 5.1585

■ 198.2570,
-56.8217, 25.2076

■ 225.5010, -3.2050,
1.3146

■ 193.8740,
-65.9999, 29.0515

■ 229.8840, 5.9732,
-2.5293

■ 189.6050,
-74.7413, 32.7954

■ 233.1270, 10.7834,
-5.3734

■ 184.6350,
-83.6301, 37.1541

■ 235.4750, 9.6258,
-7.4326

■ 181.7510,
-89.6032, 39.6834

■ 237.2360, 8.7577,
-8.9770

■ 238.9970, 7.8895,
-10.5214

■ 241.3450, 6.7319,
-12.5806

Harmonies

Analogous

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



214.2500, -29.2102, 35.7377



211.8790, -30.0133, 13.2611



207.8800, -21.6328, -14.8038

Triad

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



211.8790, -30.0133, 13.2611



198.4650, 27.8718, -73.1988



217.2550, 10.2273, 33.1024

Complementary

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



211.8790, -30.0133, 13.2611



166.1210, 30.0133, -13.2611

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.



217.8980, 18.2913, 13.2445



211.8790, -30.0133, 13.2611



203.3150, 25.4807, -52.8963

Square

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



211.8790, -30.0133, 13.2611



199.0840, 12.2836, -66.7257



211.1990, 21.5939, -19.4685



211.7320, -3.3189, 37.9460

Rectangle

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



211.8790, -30.0133, 13.2611



204.6910, -11.6797, -33.9320



211.1990, 21.5939, -19.4685



219.5690, 14.0165, 31.0730

Sweetspot

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



211.8790, -30.0133, 13.2611



249.8020, -9.7624, 4.5586



174.9780, -6.3982, 45.6233



124.4150, -6.1206, 3.1440



0.0000, 0.0000, 0.0000



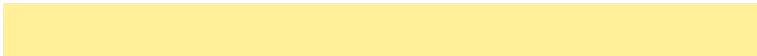
128.0000, 0.0000, 0.0000

Same Dimension

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



211.8790, -30.0133, 13.2611



234.5670, -40.2125, 17.9197



210.2630, -29.2167, -9.0007



112.4580, -4.6628, 2.2293



143.3320, -70.6627, 31.2808



41.0770, -20.2510, 8.7025

Inverse Universe

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



166.1210, 30.0133, -13.2611



173.4330, 40.2125, -17.9197



167.7370, 29.2167, 9.0007



105.5420, 4.6628, -2.2293



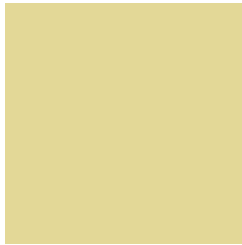
35.6680, 70.6627, -31.2808



9.9230, 20.2510, -8.7025

Previews

White Background



This preview shows how the YUV color 211.8790, -30.0133, 13.2611 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 211.8790, -30.0133, 13.2611 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

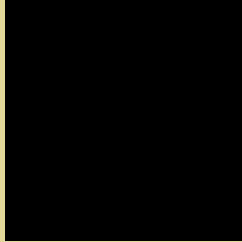
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

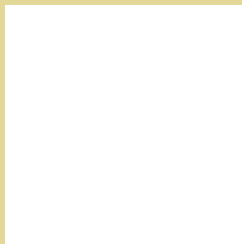
Any Text WCAG AAA ✓ Pass

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

YUV 211.8790, -30.0133, 13.2611 Background



This preview shows how black text looks on a background with the YUV color 211.8790, -30.0133, 13.2611.



This preview shows how white text looks on a background with the YUV color 211.8790, -30.0133, 13.2611.

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

211.8790, -30.0133, 13.2611

Protanopia

212.0860, -30.6084, 17.4646

Deuteranopia

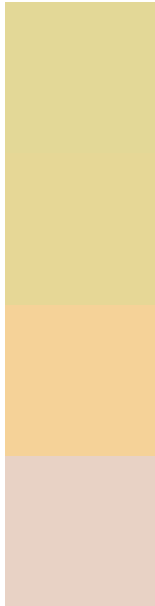
214.6090, -30.3732, 35.4229



Tritanopia

217.1960, 2.8614, 15.6141

Trichromacy



Original Color

211.8790, -30.0133, 13.2611

Protanomaly

212.0750, -30.6030, 15.7202

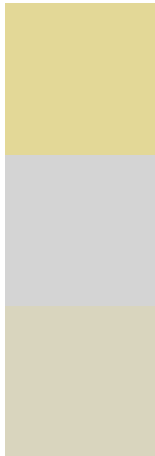
Deuteranomaly

213.8530, -30.4935, 27.3159

Tritanomaly

215.0960, -8.9213, 14.8248

Monochromacy



Original Color

211.8790, -30.0133, 13.2611

Achromatopsia

212.0000, 0.0000, 0.0000

Achromatomaly

211.5740, -10.6360, 4.7586

CSS Examples

Text

The CSS property to change the color of the text to YUV 211.8790, -30.0133, 13.2611 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(227, 216, 151)` looks like.

```
.text, #text, p{  
    color:rgb(227, 216, 151)  
}
```

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(227, 216, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 216, 151) }
```

Border

The CSS property to change the border of an element to YUV 211.8790, -30.0133, 13.2611 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(227, 216, 151) }
```


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

```
.border{ border-color:rgb(227, 216, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 216, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 216, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 216, 151);  
box-shadow:4px 4px 4px 4px rgb(227, 216,  
151) }
```

Background

The CSS property to change the background color of an element to YUV 211.8790, -30.0133, 13.2611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 216, 151) }
```

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

```
.background{ background-color: rgb(227,  
216, 151) }
```

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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