

Converting Colors

YUV(196.7820, -29.4725,
26.5012)

Have a look what the booklet for
YUV(196.7820, -29.4725, 26.5012)
contains.

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Color

**YUV(196.7820, -29.4725,
26.5012)**

Conversions

Conversions Part 1

Format	Color
Hex	E3C189
RGB	227, 193, 137
RGB Percent	89%, 76%, 54%
CMY	0.1098, 0.2431, 0.4627
CMYK	0.00, 0.15, 0.40, 0.11
HSL	37°, 62%, 71%
HSV	37°, 40%, 89%
XYZ	55.2639, 56.2770, 31.6167
YIQ	196.7820, 38.2400, -10.2080

Conversions

Conversions Part 2

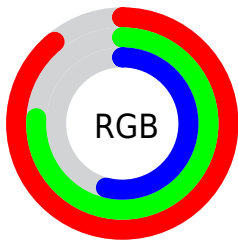
Format	Color
RYB	192, 227, 137
Decimal	14926217
CIELab	79.77, 4.51, 32.68
CIELCh	80, 32.994, 82.135
Yxy	56.2770, 0.3860, 0.3931
Android (android.graphics.Color)	4293116297 (0xFFE3C189)
YUV	196.7820, -29.4725, 26.5012
Hunter-Lab	75.0180, 0.2151, 27.5245

Details

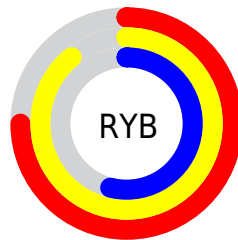
The YUV color $196.7820, -29.4725, 26.5012$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $167.2180, 29.4725, -26.5012$, and the grayscale version is $197.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $244.1820, -26.2187, 9.4874$, and $142.8140, -28.0093, 23.8421$ is the 20% darker color. If you saturate the color by 10%, you get $188.8770, -36.9144, 33.4339$, and if you desaturate by 10%, it is $204.6870, -22.0307, 19.5685$.

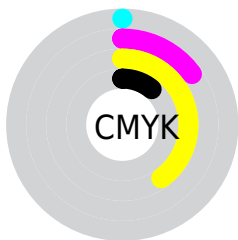
Distribution



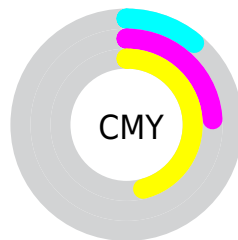
- Red (89%)
- Green (76%)
- Blue (54%)



- Red (75%)
- Yellow (89%)
- Blue (54%)



- Cyan (0%)
- Magenta (15%)
- Yellow (40%)
- Black (11%)



- Cyan (11%)
- Magenta (24%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.7820, -29.4725, 26.5012 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 196.7820, -29.4725, 26.5012 by changing the saturation by 10% instead.

■ 196.7820,
-29.4725, 26.5012

■ 196.7820,
-29.4725, 26.5012

■ 255.0000, 0.0000,
0.0000

■ 169.2980,
-28.7409, 25.1717

■ 244.1820,
-26.2187, 9.4874

■ 142.8140,
-28.0093, 23.8421

■ 250.8960,
-15.7247, 3.5992

■ 116.7430,
-26.9883, 23.0274

■ 254.2020, -3.0576,
0.6998

■ 91.9600, -26.1093,
21.0831

■ 67.4760, -25.3777,
19.7535

■ 45.2630, -22.3147,
17.3093

■ 26.0480, -12.8417,

12.2359

■ 2.6910, -1.3267,
5.5330

■ 0.0000, 0.0000,
0.0000

■ 196.7820,
-29.4725, 26.5012

■ 196.7820,
-29.4725, 26.5012

■ 188.8770,
-36.9144, 33.4339

■ 204.6870,
-22.0307, 19.5685

■ 181.6730,
-44.2088, 39.7518

■ 211.8910,
-14.7363, 13.2506

■ 173.7680,
-51.6506, 46.6845

■ 219.7960, -7.2944,
6.3179

■ 166.4500,
-59.3818, 53.1024

■ 227.1140, 0.4368,
-0.1000

■ 158.6590,
-66.3869, 59.9351

■ 235.0190, 7.8786,
-7.0327

■ 151.3410,
-74.1181, 66.3529

■ 240.1710, 7.3107,
-11.5510

■ 150.6400,
-74.2655, 66.9677

■ 245.4540, 4.7062,
-16.1842

■ 246.6280, 4.1274,
-17.2138

Harmonies

Analogous

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



199.2710, -24.2906, 44.4893



196.7820, -29.4725, 26.5012



193.7250, -26.4864, 1.9952

Triad

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



196.7820, -29.4725, 26.5012



180.8970, 19.2778, -70.0697



202.2090, 16.6590, 23.4957

Complementary

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



196.7820, -29.4725, 26.5012



167.2180, 29.4725, -26.5012

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.



199.4700, 27.3763, -7.4282



196.7820, -29.4725, 26.5012



184.0790, 30.0341, -66.7213

Square

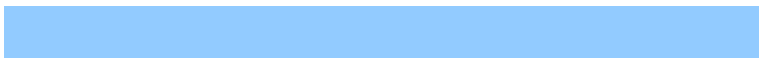
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



196.7820, -29.4725, 26.5012



184.7240, 1.6151, -51.5009



191.8850, 31.1157, -40.2411



202.5570, 2.1904, 44.2385

Rectangle

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



196.7820, -29.4725, 26.5012



191.0370, -19.7382, -15.8184



191.8850, 31.1157, -40.2411



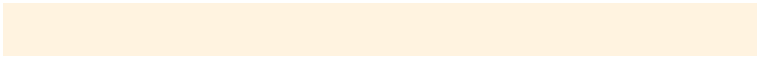
201.4790, 20.4699, 14.4889

Sweetspot

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



196.7820, -29.4725, 26.5012



244.4220, -10.0680, 9.2769



167.7860, 1.5845, 51.9307



121.8390, -5.8366, 5.4032



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.



196.7820, -29.4725, 26.5012



214.0900, -39.9774, 35.8781



213.4510, -37.6903, 2.2355



110.6970, -3.7946, 3.7737



118.6780, -58.5083, 52.9024



34.0330, -16.7783, 14.8801

Inverse Universe

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



167.2180, 29.4725, -26.5012



173.9100, 39.9774, -35.8781



150.5490, 37.6903, -2.2355



107.3030, 3.7946, -3.7737



59.7350, 58.7976, -52.3876



16.9670, 16.7783, -14.8801

Previews

White Background



This preview shows how the YUV color 196.7820, -29.4725, 26.5012 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 196.7820, -29.4725, 26.5012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

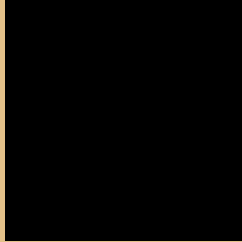
Any Text WCAG AA ✓ Pass

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 196.7820, -29.4725, 26.5012 Background



This preview shows how black text looks on a background with the YUV color 196.7820, -29.4725, 26.5012.



This preview shows how white text looks on a background with the YUV color 196.7820, -29.4725,

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

196.7820, -29.4725, 26.5012

Protanopia

196.0580, -28.1296, 15.7351

Deuteranopia

197.2390, -29.2048, 33.9934



Tritanopia

200.9480, -0.9604, 28.1096

Trichromacy



Original Color

196.7820, -29.4725, 26.5012

Protanomaly

196.2650, -28.7246, 19.9386

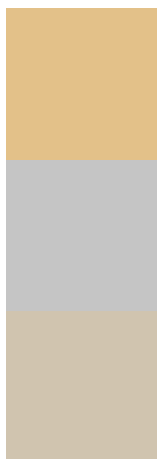
Deuteranomaly

196.9290, -29.0520, 31.6343

Tritanomaly

199.4890, -11.5801, 27.6351

Monochromacy



Original Color

196.7820, -29.4725, 26.5012

Achromatopsia

197.0000, 0.0000, 0.0000

Achromatomaly

197.1940, -10.9416, 9.4769

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.7820, -29.4725, 26.5012 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, 193, 137)` looks like.

```
.text, #text, p{  
    color:rgb(227, 193, 137)  
}
```

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, 193, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 193, 137) }
```

Border

The CSS property to change the border of an element to YUV 196.7820, -29.4725, 26.5012 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, 193, 137) }
```


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

```
.border{ border-color:rgb(227, 193, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 193, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 193, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 193, 137);  
box-shadow:4px 4px 4px 4px rgb(227, 193,  
137) }
```

Background

The CSS property to change the background color of an element to YUV 196.7820, -29.4725, 26.5012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 193, 137) }
```

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

```
.background{ background-color: rgb(227,  
193, 137) }
```

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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