

Converting Colors

YUV(216.2730, -20.8406,
11.1616)

Have a look what the booklet for
YUV(216.2730, -20.8406, 11.1616)
contains.

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Color

**YUV(216.2730, -20.8406,
11.1616)**

Conversions

Conversions Part 1

Format	Color
Hex	E5DAAE
RGB	229, 218, 174
RGB Percent	90%, 85%, 68%
CMY	0.1020, 0.1451, 0.3176
CMYK	0.00, 0.05, 0.24, 0.10
HSL	48°, 51%, 79%
HSV	48°, 24%, 90%
XYZ	65.0245, 69.8568, 50.1010
YIQ	216.2730, 20.6800, -11.3520

Conversions

Conversions Part 2

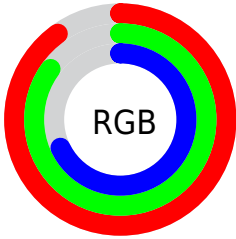
Format	Color
RYB	188, 229, 174
Decimal	15063726
CIELab	86.93, -3.08, 23.06
CIELCh	87, 23.260, 97.604
Yxy	69.8568, 0.3515, 0.3776
Android (android.graphics.Color)	4293253806 (0xFFE5DAAE)
YUV	216.2730, -20.8406, 11.1616
Hunter-Lab	83.5804, -7.3949, 22.9658

Details

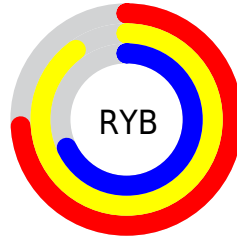
The YUV color $216.2730, -20.8406, 11.1616$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $186.7270, 20.8406, -11.1616$, and the grayscale version is $216.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.1500, -10.9200, 2.4994$, and $161.2020, -19.8196, 10.3468$ is the 20% darker color. If you saturate the color by 10%, you get $210.7160, -29.4400, 16.0351$, and if you desaturate by 10%, it is $221.8300, -12.2412, 6.2881$.

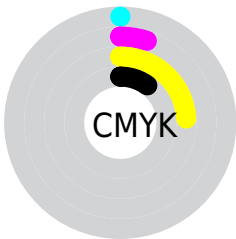
Distribution



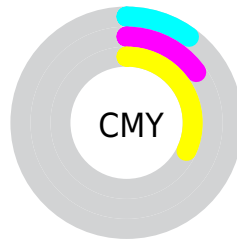
- Red (90%)
- Green (85%)
- Blue (68%)



- Red (74%)
- Yellow (90%)
- Blue (68%)



- Cyan (0%)
- Magenta (5%)
- Yellow (24%)
- Black (10%)



- Cyan (10%)
- Magenta (15%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.2730, -20.8406, 11.1616 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 216.2730, -20.8406, 11.1616 by changing the saturation by 10% instead.

■ 216.2730,
-20.8406, 11.1616

■ 216.2730,
-20.8406, 11.1616

255.0000, 0.0000,
0.0000

■ 188.3870,
-20.4038, 11.0616

■ 252.1500,
-10.9200, 2.4994

■ 161.2020,
-19.8196, 10.3468

■ 135.0170,
-19.2354, 9.6321

■ 109.8320,
-18.6512, 8.9173

■ 85.0600, -17.7776,
8.7174

■ 61.5760, -17.0460,
7.3878

■ 39.0490, -17.7722,

6.9730

■ 20.0900, -9.9044,
3.4291

■ 0.0000, 0.0000,
0.0000

■ 216.2730,
-20.8406, 11.1616

■ 216.2730,
-20.8406, 11.1616

■ 210.7160,
-29.4400, 16.0351

■ 221.8300,
-12.2412, 6.2881

■ 205.7460,
-38.3288, 20.3938

■ 226.8000, -3.3524,
1.9294

■ 200.1890,
-46.9282, 25.2672

■ 232.3570, 5.2470,
-2.9441

■ 195.2190,
-55.8170, 29.6259

■ 236.0730, 9.3310,
-6.2030

■ 189.6620,
-64.4164, 34.4994

■ 239.0080, 7.8841,
-8.7770

■ 184.8060,
-72.8684, 38.7581

■ 241.3560, 6.7265,
-10.8362

■ 179.2490,
-81.4678, 43.6316

■ 244.2910, 5.2795,
-13.4102

■ 175.8920,
-86.7148, 46.5757

■ 247.2260, 3.8326,
-15.9842

Harmonies

Analogous

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



218.7850, -20.6000, 27.3756



216.2730, -20.8406, 11.1616



213.8190, -15.6868, -8.6113

Triad

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



216.2730, -20.8406, 11.1616



209.4810, 17.0179, -45.1488



221.5870, 6.6126, 25.7952

Complementary

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



216.2730, -20.8406, 11.1616



186.7270, 20.8406, -11.1616

Split Complementary

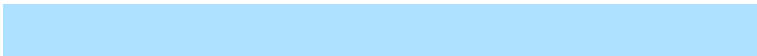
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



220.5830, 15.9816, 7.3817



216.2730, -20.8406, 11.1616



212.8720, 20.7691, -34.9677

Square

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



216.2730, -20.8406, 11.1616



209.4570, 6.6767, -41.6198



216.8360, 18.8149, -14.7652



219.1010, -3.0078, 31.4834

Rectangle

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



216.2730, -20.8406, 11.1616



211.7510, -9.2442, -21.7066



216.8360, 18.8149, -14.7652



221.7650, 9.9759, 20.3771

Sweetspot

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



216.2730, -20.8406, 11.1616



250.6000, -6.7048, 3.8588



191.6990, -3.3026, 32.7130



124.9850, -3.9366, 2.6442



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.



216.2730, -20.8406, 11.1616



237.7590, -27.9822, 15.1204



217.9460, -21.6654, -4.3376



111.8710, -4.3734, 2.7441



137.4620, -67.7688, 36.4288



39.3160, -19.3828, 10.2469

Inverse Universe

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



186.7270, 20.8406, -11.1616



198.2410, 27.9822, -15.1204



185.0540, 21.6654, 4.3376



106.1290, 4.3734, -2.7441



41.5380, 67.7688, -36.4288



11.6840, 19.3828, -10.2469

Previews

White Background



This preview shows how the YUV color 216.2730, -20.8406, 11.1616 looks on a white background.

Color Contrast Check

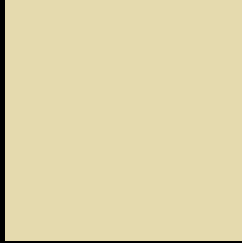
Large Text (above 18pt) WCAG AA × Fail

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 216.2730, -20.8406, 11.1616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

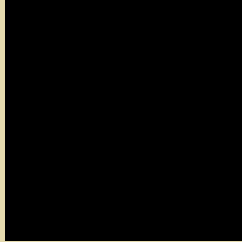
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

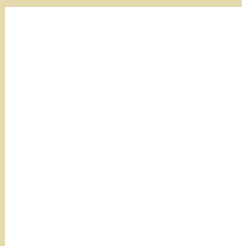
Any Text WCAG AAA ✓ Pass

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

YUV 216.2730, -20.8406, 11.1616 Background



This preview shows how black text looks on a background with the YUV color 216.2730, -20.8406, 11.1616.

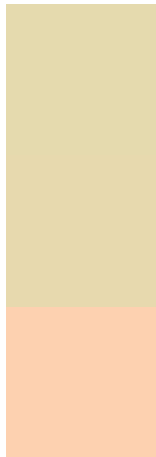


This preview shows how white text looks on a background with the YUV color 216.2730, -20.8406, 11.1616.

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

216.2730, -20.8406, 11.1616

Protanopia

216.2840, -20.8460, 12.9059

Deuteranopia

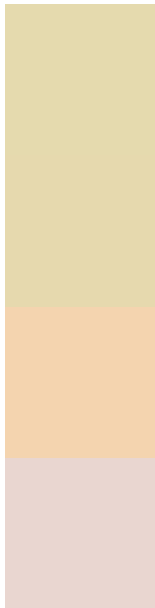
218.3940, -20.9002, 30.3495



Tritanopia

220.2990, 3.3036, 13.7698

Trichromacy



Original Color

216.2730, -20.8406, 11.1616

Protanomaly

215.9850, -20.6986, 12.2912

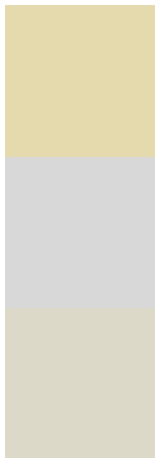
Deuteranomaly

217.3500, -20.8785, 23.3721

Tritanomaly

218.9970, -5.4215, 12.2806

Monochromacy



Original Color

216.2730, -20.8406, 11.1616

Achromatopsia

216.0000, 0.0000, 0.0000

Achromatomaly

216.3720, -7.5784, 4.0588

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.2730, -20.8406, 11.1616 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(229, 218, 174)` looks like.

```
.text, #text, p{  
    color:rgb(229, 218, 174)  
}
```

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(229, 218, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 218, 174) }
```

Border

The CSS property to change the border of an element to YUV 216.2730, -20.8406, 11.1616 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(229, 218, 174) }
```


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

```
.border{ border-color:rgb(229, 218, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 218, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 218, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 218, 174);  
box-shadow:4px 4px 4px 4px rgb(229, 218,  
174) }
```

Background

The CSS property to change the background color of an element to YUV 216.2730, -20.8406, 11.1616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 218, 174) }
```

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

```
.background{ background-color: rgb(229,  
218, 174) }
```

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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