

Converting Colors

YUV(228.6840, -30.9032,
18.6941)

Have a look what the booklet for
YUV(228.6840, -30.9032, 18.6941)
contains.

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Color

**YUV(228.6840, -30.9032,
18.6941)**

Conversions

Conversions Part 1

Format	Color
Hex	FAE6A6
RGB	250, 230, 166
RGB Percent	98%, 90%, 65%
CMY	0.0196, 0.0980, 0.3490
CMYK	0.00, 0.08, 0.34, 0.02
HSL	46°, 89%, 82%
HSV	46°, 34%, 98%
XYZ	74.6041, 79.6708, 47.5223
YIQ	228.6840, 32.4640, -15.6640

Conversions

Conversions Part 2

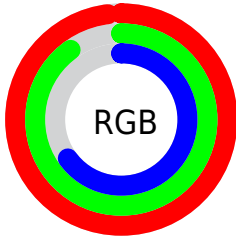
Format	Color
RYB	192, 250, 166
Decimal	16443046
CIELab	91.54, -2.30, 33.70
CIELCh	92, 33.779, 93.901
Yxy	79.6708, 0.3697, 0.3948
Android (android.graphics.Color)	4294633126 (0xFFFAE6A6)
YUV	228.6840, -30.9032, 18.6941
Hunter-Lab	89.2585, -7.0084, 30.9142

Details

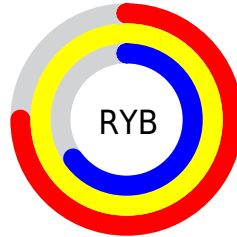
The YUV color $228.6840, -30.9032, 18.6941$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $187.3160, 30.9032, -18.6941$, and the grayscale version is $229.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.2380, -14.4143, 3.2993$, and $173.0150, -29.5874, 16.6498$ is the 20% darker color. If you saturate the color by 10%, you get $222.3120, -40.0868, 24.2824$, and if you desaturate by 10%, it is $235.0560, -21.7196, 13.1059$.

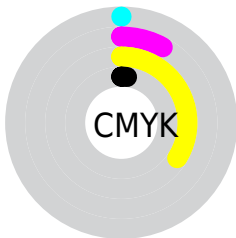
Distribution



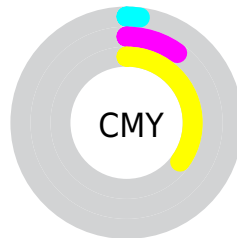
- Red (98%)
- Green (90%)
- Blue (65%)



- Red (75%)
- Yellow (98%)
- Blue (65%)



- Cyan (0%)
- Magenta (8%)
- Yellow (34%)
- Black (2%)



- Cyan (2%)
- Magenta (10%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 228.6840, -30.9032, 18.6941 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 228.6840, -30.9032, 18.6941 by changing the saturation by 10% instead.

■ 228.6840,
-30.9032, 18.6941

■ 228.6840,
-30.9032, 18.6941

■ 255.0000, 0.0000,
0.0000

■ 200.4990,
-30.3190, 17.9794

■ 251.2380,
-14.4143, 3.2993

■ 173.0150,
-29.5874, 16.6498

■ 254.4300, -2.1840,
0.4999

■ 146.2430,
-28.7138, 16.4499

■ 119.8730,
-27.5454, 15.0204

■ 95.3890, -26.8138,
13.6908

■ 70.7910, -26.5190,
12.4613

■ 48.7630, -24.0402,

10.7318

■ 29.2600, -14.4252,
6.7880

■ 5.0060, -2.4680,
-1.7593

■ 228.6840,
-30.9032, 18.6941

■ 228.6840,
-30.9032, 18.6941

■ 222.3120,
-40.0868, 24.2824

■ 235.0560,
-21.7196, 13.1059

■ 215.9400,
-49.2704, 29.8706

■ 241.4280,
-12.5360, 7.5176

■ 209.5680,
-58.4540, 35.4589

■ 247.8000, -3.3524,
1.9294

■ 203.1960,
-67.6376, 41.0471

■ 252.9180, 1.0264,
-2.5591

■ 196.8240,
-76.8212, 46.6354

■ 253.5050, 0.7370,
-3.0739

■ 190.4520,
-86.0048, 52.2236

■ 186.2800,
-91.8360, 55.8824

Harmonies

Analogous

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



224.5200, -25.3994, 26.7310



228.6840, -30.9032, 18.6941



225.2290, -24.2699, -8.9708

Triad

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



228.6840, -30.9032, 18.6941



213.5270, 20.4462, -71.4992



229.1720, 12.7332, 22.6512

Complementary

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



228.6840, -30.9032, 18.6941



187.3160, 30.9032, -18.6941

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.



230.8560, 11.9030, 8.8963



228.6840, -30.9032, 18.6941



216.8710, 18.7976, -56.0149

Square

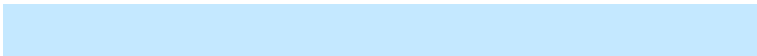
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



228.6840, -30.9032, 18.6941



216.1940, 8.7784, -62.4371



223.8580, 15.3530, -24.4315



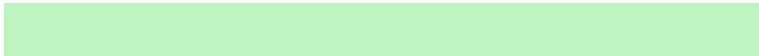
223.7460, 2.0972, 27.4098

Rectangle

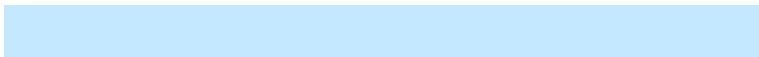
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



228.6840, -30.9032, 18.6941



221.9260, -14.7535, -27.9991



223.8580, 15.3530, -24.4315



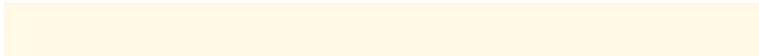
230.9330, 11.8650, 21.1068

Sweetspot

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



228.6840, -30.9032, 18.6941



248.6280, -9.1836, 5.5882



193.5100, -3.2094, 49.5417



123.8280, -5.8312, 3.6588



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.



228.6840, -30.9032, 18.6941



229.2840, -37.6080, 22.5529



234.1450, -33.5955, -4.5122



121.7570, -4.8102, 2.8441



141.0390, -69.5322, 42.0618



45.8280, -22.5932, 13.3058

Inverse Universe

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



187.3160, 30.9032, -18.6941



178.7160, 37.6080, -22.5529



181.8550, 33.5955, 4.5122



115.2430, 4.8102, -2.8441



47.9610, 69.5322, -42.0618



15.7590, 22.3038, -13.8206

Previews

White Background



This preview shows how the YUV color 228.6840, -30.9032, 18.6941 looks on a white background.

Color Contrast Check

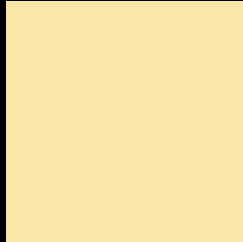
Large Text (above 18pt) WCAG AA × Fail

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 228.6840, -30.9032, 18.6941 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

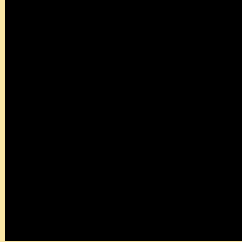
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 228.6840, -30.9032, 18.6941

Background



This preview shows how black text looks on a background with the YUV color 228.6840, -30.9032, 18.6941.

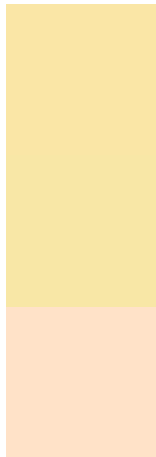


This preview shows how white text looks on a background with the YUV color 228.6840, -30.9032, 18.6941.

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

228.6840, -30.9032, 18.6941

Protanopia

228.6730, -30.8978, 16.9498

Deuteranopia

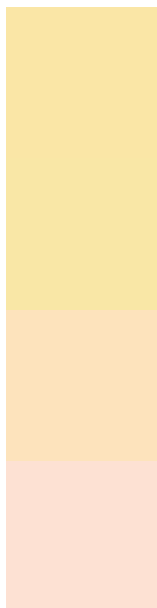
231.7070, -15.6316, 20.4280



Tritanopia

233.5770, 1.6875, 18.7880

Trichromacy



Original Color

228.6840, -30.9032, 18.6941

Protanomaly

228.9720, -31.0452, 17.5646

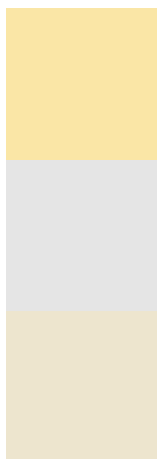
Deuteranomaly

230.3280, -20.8677, 19.8833

Tritanomaly

231.7760, -10.2426, 18.6134

Monochromacy



Original Color

228.6840, -30.9032, 18.6941

Achromatopsia

229.0000, 0.0000, 0.0000

Achromatomaly

228.7700, -11.2256, 7.2177

CSS Examples

Text

The CSS property to change the color of the text to YUV 228.6840, -30.9032, 18.6941 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(250, 230, 166)` looks like.

```
.text, #text, p{  
    color:rgb(250, 230, 166)  
}
```

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(250, 230, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 230, 166) }
```

Border

The CSS property to change the border of an element to YUV 228.6840, -30.9032, 18.6941 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(250, 230, 166) }
```


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

```
.border{ border-color:rgb(250, 230, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 230, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 230, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 230, 166);  
box-shadow:4px 4px 4px 4px rgb(250, 230,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 228.6840, -30.9032, 18.6941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 230, 166) }
```

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

```
.background{ background-color: rgb(250,  
230, 166) }
```

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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