

Converting Colors

YUV(236.0670, -21.7250,
14.8502)

Have a look what the booklet for
YUV(236.0670, -21.7250, 14.8502)
contains.

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Color

**YUV(236.0670, -21.7250,
14.8502)**

Conversions

Conversions Part 1

Format	Color
Hex	FDECC0
RGB	253, 236, 192
RGB Percent	99%, 93%, 75%
CMY	0.0078, 0.0745, 0.2471
CMYK	0.00, 0.07, 0.24, 0.01
HSL	43°, 94%, 87%
HSV	43°, 24%, 99%
XYZ	80.0179, 84.6793, 61.9965
YIQ	236.0670, 24.2560, -10.0800

Conversions

Conversions Part 2

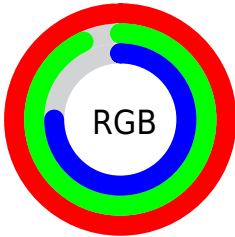
Format	Color
R _Y B	216, 253, 192
Decimal	16641216
CIE Lab	93.74, -0.92, 23.45
CIE LCh	94, 23.466, 92.240
Yxy	84.6793, 0.3530, 0.3735
Android (android.graphics.Color)	4294831296 (0xFFFDECC0)
YUV	236.0670, -21.7250, 14.8502
Hunter-Lab	92.0214, -5.8213, 24.4702

Details

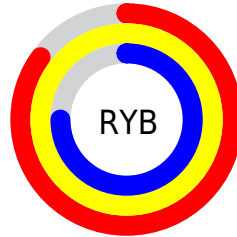
The YUV color $236.0670, -21.7250, 14.8502$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $208.9330, 21.7250, -14.8502$, and the grayscale version is $236.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.3160, -2.6208, 0.5999$, and $179.9960, -20.7040, 14.0355$ is the 20% darker color. If you saturate the color by 10%, you get $229.1080, -30.6192, 20.9533$, and if you desaturate by 10%, it is $243.0260, -12.8308, 8.7472$.

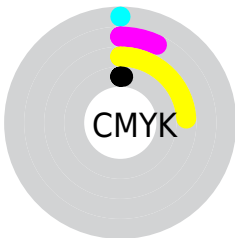
Distribution



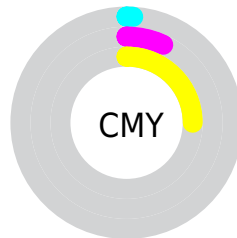
- Red (99%)
- Green (93%)
- Blue (75%)



- Red (85%)
- Yellow (99%)
- Blue (75%)



- Cyan (0%)
- Magenta (7%)
- Yellow (24%)
- Black (1%)



- Cyan (1%)
- Magenta (7%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 236.0670, -21.7250, 14.8502 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 236.0670, -21.7250, 14.8502 by changing the saturation by 10% instead.

236.0670,
-21.7250, 14.8502

236.0670,
-21.7250, 14.8502

255.0000, 0.0000,
0.0000

207.8820,
-21.1408, 14.1355

254.3160, -2.6208,
0.5999

179.9960,
-20.7040, 14.0355

153.5120,
-19.9724, 12.7060

127.3270,
-19.3882, 11.9912

102.1420,
-18.8040, 11.2765

78.0710, -17.7830,
10.4617

54.8860, -17.1988,

9.7470

■ 33.7010, -16.6146,
9.0322

■ 12.7140, -6.2680,
3.7588

■ 236.0670,
-21.7250, 14.8502

■ 236.0670,
-21.7250, 14.8502

■ 229.1080,
-30.6192, 20.9533

■ 243.0260,
-12.8308, 8.7472

■ 222.0350,
-39.9503, 27.1563

■ 250.0990, -3.4998,
2.5442

■ 215.0760,
-48.8445, 33.2593

■ 254.4020, 0.2948,
-1.2296

■ 208.1170,
-57.7387, 39.3624

■ 201.1580,
-66.6329, 45.4654

■ 194.0850,
-75.9639, 51.6685

■ 187.1260,
-84.8581, 57.7715

■ 182.4810,
-89.9631, 61.8452

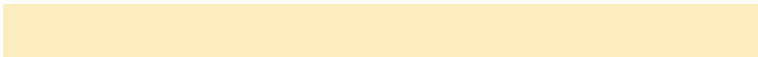
Harmonies

Analogous

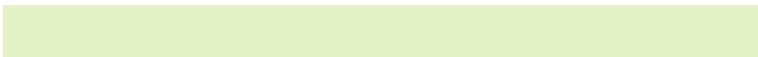
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



233.2400, -17.3733, 19.0835



236.0670, -21.7250, 14.8502



233.3850, -17.4448, -4.7226

Triad

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



236.0670, -21.7250, 14.8502



227.8570, 13.3815, -45.4786



236.8030, 8.9711, 15.9588

Complementary

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



236.0670, -21.7250, 14.8502



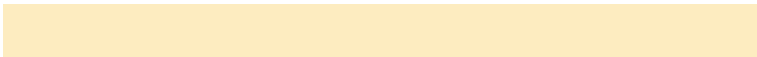
208.9330, 21.7250, -14.8502

Split Complementary

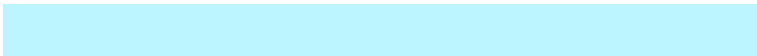
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



237.3240, 8.7143, 4.9779



236.0670, -21.7250, 14.8502



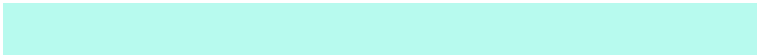
229.0970, 12.7702, -36.0421

Square

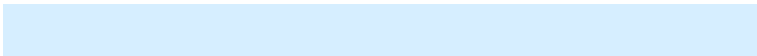
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



236.0670, -21.7250, 14.8502



228.5990, 4.6347, -39.9903



232.7620, 10.9633, -16.4543



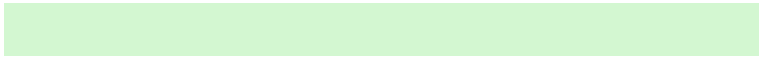
232.8760, 1.5401, 19.4027

Rectangle

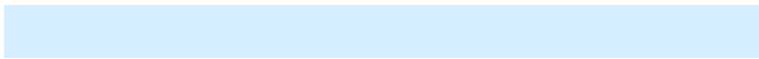
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



236.0670, -21.7250, 14.8502



231.9040, -11.2917, -18.3328



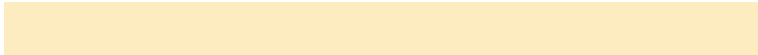
232.7620, 10.9633, -16.4543



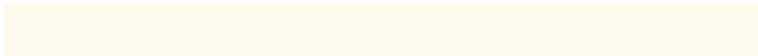
237.9770, 8.3923, 14.9292

Sweetspot

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



236.0670, -21.7250, 14.8502



250.0130, -6.4154, 4.3736



212.1770, -1.5663, 35.8018



124.9850, -3.9366, 2.6442



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

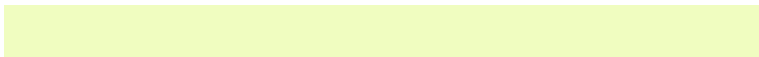
The Same Dimension uses a secret algorithm to generate beautiful new colors.



236.0670, -21.7250, 14.8502



234.2370, -26.2458, 18.2092



242.1590, -24.7284, -1.8934



124.1700, -4.5208, 3.3589



138.1150, -68.0907, 46.3801



46.1380, -22.7460, 15.6650

Inverse Universe

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



208.9330, 21.7250, -14.8502



201.7630, 26.2458, -18.2092



202.8410, 24.7284, 1.8934



118.2430, 4.8102, -2.8441



52.8850, 68.0907, -46.3801



17.8620, 22.7460, -15.6650

Previews

White Background



This preview shows how the YUV color 236.0670, -21.7250, 14.8502 looks on a white background.

Color Contrast Check

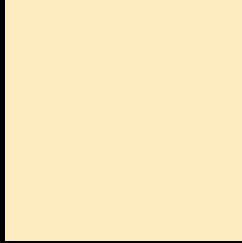
Large Text (above 18pt) WCAG AA × Fail

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 236.0670, -21.7250, 14.8502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

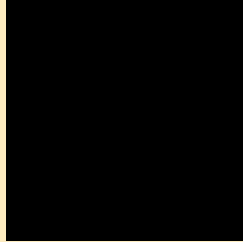
Any Text WCAG AA ✓ Pass

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 236.0670, -21.7250, 14.8502 Background



This preview shows how black text looks on a background with the YUV color 236.0670, -21.7250, 14.8502.



This preview shows how white text looks on a background with the YUV color 236.0670, -21.7250, 14.8502.

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

236.0670, -21.7250, 14.8502

Protanopia

236.0560, -21.7196, 13.1059

Deuteranopia

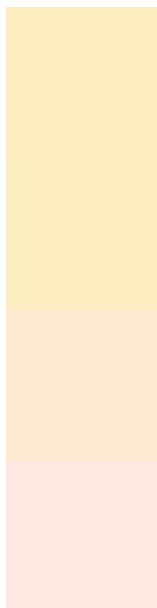
237.9820, -9.3581, 14.9248



Tritanopia

239.0710, 2.4300, 13.9697

Trichromacy



Original Color

236.0670, -21.7250, 14.8502

Protanomaly

236.3550, -21.8670, 13.7207

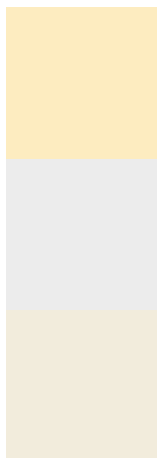
Deuteranomaly

237.1300, -13.8681, 14.7950

Tritanomaly

237.7800, -6.3005, 14.2249

Monochromacy



Original Color

236.0670, -21.7250, 14.8502

Achromatopsia

236.0000, 0.0000, 0.0000

Achromatomaly

235.9700, -7.8732, 5.2883

CSS Examples

Text

The CSS property to change the color of the text to YUV 236.0670, -21.7250, 14.8502 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(253, 236, 192)` looks like.

```
.text, #text, p{  
    color:rgb(253, 236, 192)  
}
```

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(253, 236, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 236, 192) }
```

Border

The CSS property to change the border of an element to YUV 236.0670, -21.7250, 14.8502 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(253, 236, 192) }
```


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

```
.border{ border-color:rgb(253, 236, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 236, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(253, 236, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(253, 236, 192); box-shadow:4px 4px 4px 4px rgb(253, 236, 192) }
```

Background

The CSS property to change the background color of an element to YUV 236.0670, -21.7250, 14.8502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 236, 192) }
```

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

```
.background{ background-color: rgb(253,  
236, 192) }
```

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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