

Converting Colors

YUV(242.0690, -11.3730,
7.8325)

Have a look what the booklet for
YUV(242.0690, -11.3730, 7.8325)
contains.

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Color

**YUV(242.0690, -11.3730,
7.8325)**

Conversions

Conversions Part 1

Format	Color
Hex	FBF2DB
RGB	251, 242, 219
RGB Percent	98%, 95%, 86%
CMY	0.0157, 0.0510, 0.1412
CMYK	0.00, 0.04, 0.13, 0.02
HSL	43°, 80%, 92%
HSV	43°, 13%, 98%
XYZ	84.3220, 89.1280, 79.7770
YIQ	242.0690, 12.7470, -5.2450

Conversions

Conversions Part 2

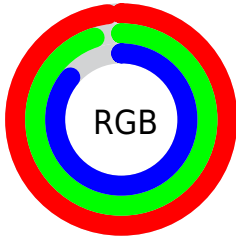
Format	Color
R_{YB}	232, 251, 219
Decimal	16511707
CIE _{Lab}	95.63, -0.74, 12.17
CIE _{LCh}	96, 12.192, 93.491
Yxy	89.1280, 0.3330, 0.3520
Android (android.graphics.Color)	4294701787 (0xFFFFBF2DB)
YUV	242.0690, -11.3730, 7.8325
Hunter-Lab	94.4076, -5.7826, 15.9837

Details

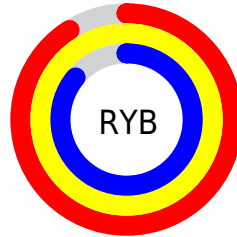
The YUV color $242.0690, -11.3730, 7.8325$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $227.9310, 11.3730, -7.8325$, and the grayscale version is $242.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $185.8840, -10.7888, 7.1177$ is the 20% darker color. If you saturate the color by 10%, you get $235.1100, -20.2672, 13.9355$, and if you desaturate by 10%, it is $249.0280, -2.4788, 1.7294$.

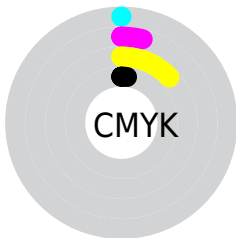
Distribution



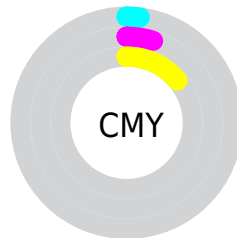
- Red (98%)
- Green (95%)
- Blue (86%)



- Red (91%)
- Yellow (98%)
- Blue (86%)



- Cyan (0%)
- Magenta (4%)
- Yellow (13%)
- Black (2%)



- Cyan (2%)
- Magenta (5%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 242.0690, -11.3730, 7.8325 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 242.0690, -11.3730, 7.8325 by changing the saturation by 10% instead.

■ 242.0690,
-11.3730, 7.8325

■ 242.0690,
-11.3730, 7.8325

255.0000, 0.0000,
0.0000

■ 213.7700,
-11.2256, 7.2177

■ 185.8840,
-10.7888, 7.1177

■ 158.9980,
-10.3520, 7.0178

■ 132.9980,
-10.3520, 7.0178

■ 107.8130, -9.7678,
6.3030

■ 83.5140, -9.6204,
5.6882

■ 59.7420, -8.7468,

5.4883

■ 38.5570, -8.1626,
4.7735

■ 17.7420, -8.7468,
5.4883

■ 242.0690,
-11.3730, 7.8325

■ 242.0690,
-11.3730, 7.8325

■ 235.1100,
-20.2672, 13.9355

■ 249.0280, -2.4788,
1.7294

■ 228.1510,
-29.1614, 20.0386

■ 253.8040, 0.5896,
-2.4591

■ 221.1920,
-38.0557, 26.1416

■ 214.2330,
-46.9499, 32.2447

■ 207.2740,
-55.8441, 38.3477

■ 200.2010,
-65.1751, 44.5507

■ 193.2420,
-74.0693, 50.6538

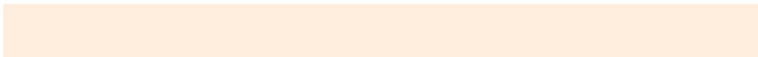
■ 186.2830,
-82.9635, 56.7568

■ 180.7090,
-89.0895, 61.6452

Harmonies

Analogous

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



241.2590, -9.4947, 12.0509



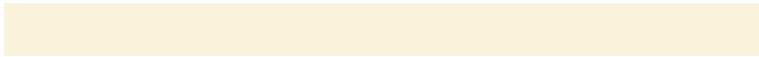
242.0690, -11.3730, 7.8325



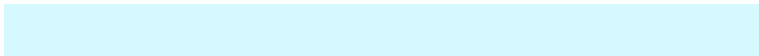
240.6870, -8.7197, -3.2335

Triad

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



242.0690, -11.3730, 7.8325



238.9200, 7.9274, -22.7318



243.6190, 4.6248, 9.9811

Complementary

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



242.0690, -11.3730, 7.8325



227.9310, 11.3730, -7.8325

Split Complementary

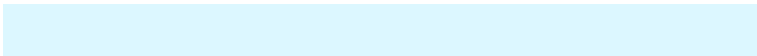
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



243.2160, 5.8095, 3.3186



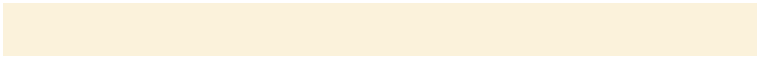
242.0690, -11.3730, 7.8325



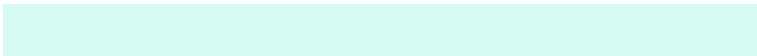
239.8390, 7.4744, -17.3988

Square

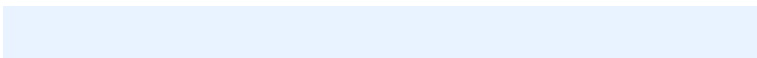
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



242.0690, -11.3730, 7.8325



238.7370, 2.1017, -20.8173



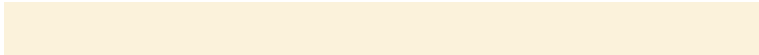
241.0790, 6.8631, -7.9623



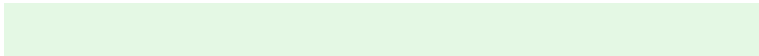
241.6640, -0.3274, 11.6957

Rectangle

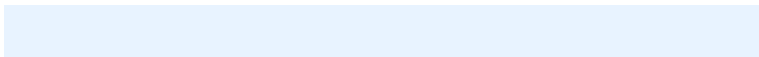
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



242.0690, -11.3730, 7.8325



239.7400, -5.7878, -10.2960



241.0790, 6.8631, -7.9623



244.4340, 5.2090, 9.2664

Sweetspot

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



242.0690, -11.3730, 7.8325



252.0990, -3.4998, 2.5442



229.5940, -0.7858, 18.7731



126.0280, -2.4788, 1.7294



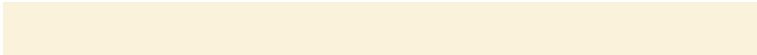
0.0000, 0.0000, 0.0000



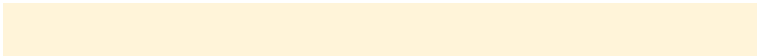
128.0000, 0.0000, 0.0000

Same Dimension

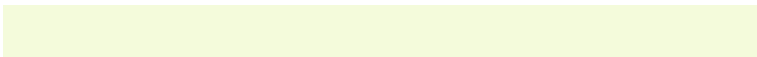
The Same Dimension uses a secret algorithm to generate beautiful new colors.



242.0690, -11.3730, 7.8325



244.2110, -13.4150, 9.4620



245.2590, -12.9457, -1.1041



121.1700, -4.5208, 3.3589



136.3430, -67.2171, 46.1802



44.0670, -21.7250, 14.8502

Inverse Universe

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



227.9310, 11.3730, -7.8325



227.7890, 13.4150, -9.4620



224.7410, 12.9457, 1.1041



115.8300, 4.5208, -3.3589



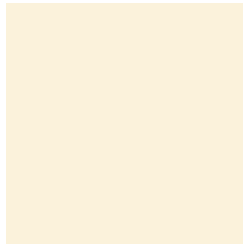
52.6570, 67.2171, -46.1802



16.9330, 21.7250, -14.8502

Previews

White Background



This preview shows how the YUV color 242.0690, -11.3730, 7.8325 looks on a white background.

Color Contrast Check

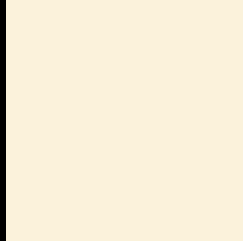
Large Text (above 18pt) WCAG AA × Fail

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 242.0690, -11.3730, 7.8325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

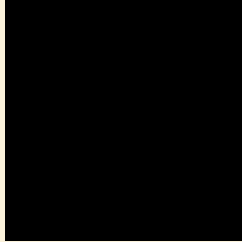
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 242.0690, -11.3730, 7.8325

Background



This preview shows how black text looks on a background with the YUV color 242.0690, -11.3730, 7.8325.



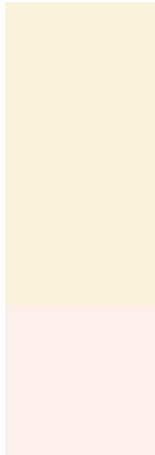
This preview shows how white text looks on a background with the YUV color 242.0690, -11.3730,

7.8325.

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

242.0690, -11.3730, 7.8325

Protanopia

242.3680, -11.5204, 8.4473

Deuteranopia

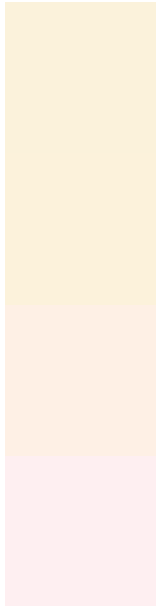
243.2140, -4.5425, 10.3363



Tritanopia

244.3200, 4.7722, 9.3664

Trichromacy



Original Color

242.0690, -11.3730, 7.8325

Protanomaly

242.3680, -11.5204, 8.4473

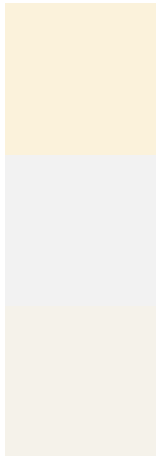
Deuteranomaly

242.9320, -6.8685, 9.7066

Tritanomaly

243.7130, -1.3375, 9.0217

Monochromacy



Original Color

242.0690, -11.3730, 7.8325

Achromatopsia

242.0000, 0.0000, 0.0000

Achromatomaly

241.9850, -3.9366, 2.6442

CSS Examples

Text

The CSS property to change the color of the text to YUV 242.0690, -11.3730, 7.8325 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(251, 242, 219)` looks like.

```
.text, #text, p{  
    color:rgb(251, 242, 219)  
}
```

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(251, 242, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 242, 219) }
```

Border

The CSS property to change the border of an element to YUV 242.0690, -11.3730, 7.8325 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(251, 242, 219) }
```


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

```
.border{ border-color:rgb(251, 242, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 242, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 242, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 242, 219);  
box-shadow:4px 4px 4px 4px rgb(251, 242,  
219) }
```

Background

The CSS property to change the background color of an element to YUV 242.0690, -11.3730, 7.8325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 242, 219) }
```

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

```
.background{ background-color: rgb(251,  
242, 219) }
```

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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