

Converting Colors

YUV(241.2930, -14.4414,
12.0210)

Have a look what the booklet for
YUV(241.2930, -14.4414, 12.0210)
contains.

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Color

**YUV(241.2930, -14.4414,
12.0210)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF0D4
RGB	255, 240, 212
RGB Percent	100%, 94%, 83%
CMY	0.0000, 0.0588, 0.1686
CMYK	0.00, 0.06, 0.17, 0.00
HSL	39°, 100%, 92%
HSV	39°, 17%, 100%
XYZ	84.2838, 88.3336, 74.8952
YIQ	241.2930, 17.9280, -5.5280

Conversions

Conversions Part 2

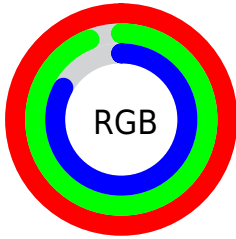
Format	Color
R_{YB}	235, 255, 212
Decimal	16773332
CIE _{Lab}	95.30, 0.62, 15.35
CIE _{LCh}	95, 15.364, 87.692
Yxy	88.3336, 0.3405, 0.3569
Android (android.graphics.Color)	4294963412 (0xFFFFF0D4)
YUV	241.2930, -14.4414, 12.0210
Hunter-Lab	93.9860, -4.4021, 18.5434

Details

The YUV color $241.2930, -14.4414, 12.0210$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $225.7070, 14.4414, -12.0210$, and the grayscale version is $241.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $185.1080, -13.8572, 11.3063$ is the 20% darker color. If you saturate the color by 10%, you get $233.1600, -22.7569, 19.1537$, and if you desaturate by 10%, it is $249.5400, -5.6892, 4.7884$.

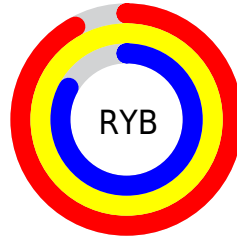
Distribution



Red (100%)

Green (94%)

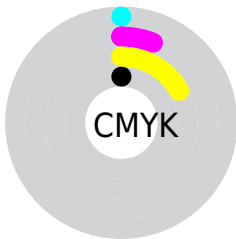
Blue (83%)



Red (92%)

Yellow (100%)

Blue (83%)

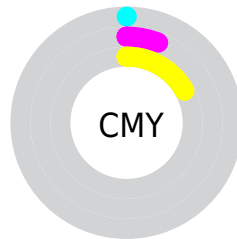


Cyan (0%)

Magenta (6%)

Yellow (17%)

Black (0%)



Cyan (0%)

Magenta (6%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 241.2930, -14.4414, 12.0210 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 241.2930, -14.4414, 12.0210 by changing the saturation by 10% instead.

■ 241.2930,
-14.4414, 12.0210

■ 241.2930,
-14.4414, 12.0210

255.0000, 0.0000,
0.0000

■ 212.9940,
-14.2940, 11.4063

■ 185.1080,
-13.8572, 11.3063

■ 158.2220,
-13.4204, 11.2063

■ 132.0370,
-12.8362, 10.4916

■ 106.8520,
-12.2520, 9.7768

■ 82.6670, -11.6678,
9.0620

■ 59.4820, -11.0836,

8.3473

■ 37.2970, -10.4994,
7.6325

■ 17.4540, -8.6048,
6.6178

■ 241.2930,
-14.4414, 12.0210

■ 241.2930,
-14.4414, 12.0210

■ 233.1600,
-22.7569, 19.1537

■ 249.5400, -5.6892,
4.7884

■ 224.9130,
-31.5091, 26.3863

255.0000, 0.0000,
0.0000

■ 216.7800,
-39.8245, 33.5189

■ 208.5330,
-48.5768, 40.7516

■ 200.9870,
-57.1816, 47.3694

■ 192.7400,
-65.9338, 54.6020

■ 184.4930,
-74.6860, 61.8346

■ 176.3600,
-83.0015, 68.9673

■ 173.6870,
-85.6277, 71.3115

Harmonies

Analogous

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



238.9280, -10.8105, 14.0951



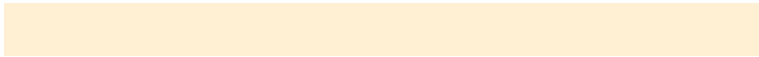
241.2930, -14.4414, 12.0210



239.4870, -12.0721, -1.3041

Triad

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



241.2930, -14.4414, 12.0210



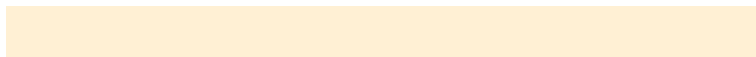
236.8160, 8.9647, -28.7796



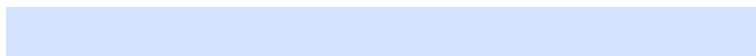
242.6730, 6.0772, 10.8108

Complementary

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



241.2930, -14.4414, 12.0210



225.7070, 14.4414, -12.0210

Split Complementary

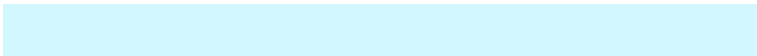
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



241.4330, 6.6885, 1.3743



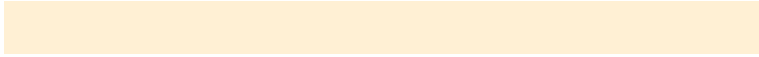
241.2930, -14.4414, 12.0210



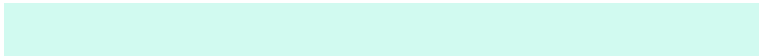
236.8490, 8.9484, -23.5466

Square

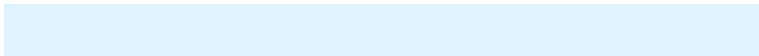
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



241.2930, -14.4414, 12.0210



236.6010, 1.6757, -24.2061



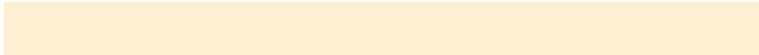
238.6870, 8.0423, -12.8805



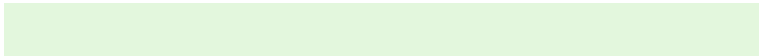
240.1310, 1.4144, 13.0401

Rectangle

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



241.2930, -14.4414, 12.0210



238.0560, -8.4086, -9.6961



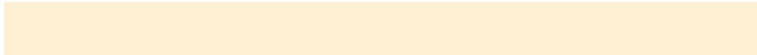
238.6870, 8.0423, -12.8805



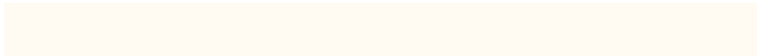
243.2600, 5.7878, 10.2960

Sweetspot

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



241.2930, -14.4414, 12.0210



251.1700, -4.5208, 3.3589



226.5670, 0.2135, 24.9357



125.3270, -2.6262, 2.3442



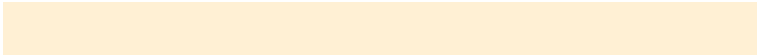
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

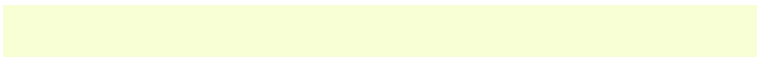
The Same Dimension uses a secret algorithm to generate beautiful new colors.



241.2930, -14.4414, 12.0210



238.6200, -17.0677, 14.3653



248.3040, -17.8979, 0.6104



123.5830, -4.2314, 3.8737



130.4840, -64.3286, 53.0725



43.7900, -21.5885, 17.7242

Inverse Universe

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



225.7070, 14.4414, -12.0210



220.3800, 17.0677, -14.3653



218.6960, 17.8979, -0.6104



118.8300, 4.5208, -3.3589



61.1030, 64.0392, -53.5873



20.2100, 21.5885, -17.7242

Previews

White Background



This preview shows how the YUV color 241.2930, -14.4414, 12.0210 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 241.2930, -14.4414, 12.0210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

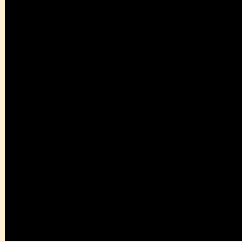
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 241.2930, -14.4414, 12.0210

Background



This preview shows how black text looks on a background with the YUV color 241.2930, -14.4414, 12.0210.

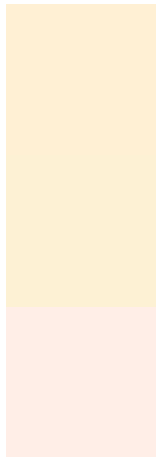


This preview shows how white text looks on a background with the YUV color 241.2930, -14.4414, 12.0210.

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

241.2930, -14.4414, 12.0210

Protanopia

241.2820, -14.4360, 10.2767

Deuteranopia

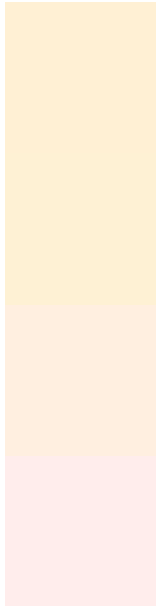
242.2850, -5.5635, 11.1511



Tritanopia

243.1630, 2.8776, 10.3810

Trichromacy



Original Color

241.2930, -14.4414, 12.0210

Protanomaly

241.5810, -14.5834, 10.8915

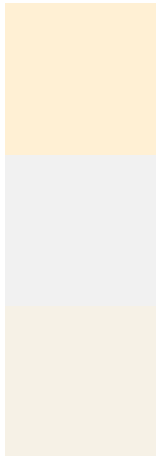
Deuteranomaly

242.0740, -8.9105, 11.3361

Tritanomaly

242.2680, -3.0901, 11.1660

Monochromacy



Original Color

241.2930, -14.4414, 12.0210

Achromatopsia

241.0000, 0.0000, 0.0000

Achromatomaly

241.2410, -5.5418, 4.1736

CSS Examples

Text

The CSS property to change the color of the text to YUV 241.2930, -14.4414, 12.0210 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(255, 240, 212)` looks like.

```
.text, #text, p{  
    color:rgb(255, 240, 212)  
}
```

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(255, 240, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 240, 212) }
```

Border

The CSS property to change the border of an element to YUV 241.2930, -14.4414, 12.0210 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(255, 240, 212) }
```


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

```
.border{ border-color:rgb(255, 240, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 240, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 240, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 240, 212);  
box-shadow:4px 4px 4px 4px rgb(255, 240,  
212) }
```

Background

The CSS property to change the background color of an element to YUV 241.2930, -14.4414, 12.0210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 240, 212) }
```

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

```
.background{ background-color: rgb(255,  
240, 212) }
```

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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