

Converting Colors

YUV(242.7290, -19.0934,
10.7617)

Have a look what the booklet for
YUV(242.7290, -19.0934, 10.7617)
contains.

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Color

**YUV(242.7290, -19.0934,
10.7617)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF4CC
RGB	255, 244, 204
RGB Percent	100%, 96%, 80%
CMY	0.0000, 0.0431, 0.2000
CMYK	0.00, 0.04, 0.20, 0.00
HSL	47°, 100%, 90%
HSV	47°, 20%, 100%
XYZ	84.4898, 90.3210, 70.1073
YIQ	242.7290, 19.3960, -10.1080

Conversions

Conversions Part 2

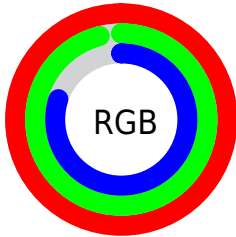
Format	Color
R _Y B	218, 255, 204
Decimal	16774348
CIE Lab	96.13, -2.56, 20.62
CIE LCh	96, 20.783, 97.079
Yxy	90.3210, 0.3450, 0.3688
Android (android.graphics.Color)	4294964428 (0xFFFFF4CC)
YUV	242.7290, -19.0934, 10.7617
Hunter-Lab	95.0374, -7.6260, 22.7890

Details

The YUV color $242.7290, -19.0934, 10.7617$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $216.2710, 19.0934, -10.7617$, and the grayscale version is $243.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $186.6580, -18.0724, 9.9469$ is the 20% darker color. If you saturate the color by 10%, you get $236.9440, -28.5664, 15.8351$, and if you desaturate by 10%, it is $249.2150, -9.4730, 5.0734$.

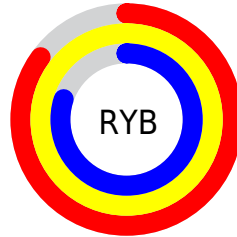
Distribution



Red (100%)

Green (96%)

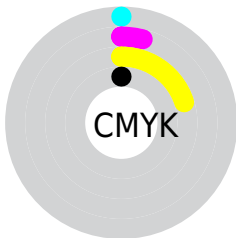
Blue (80%)



Red (85%)

Yellow (100%)

Blue (80%)

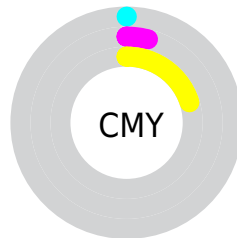


Cyan (0%)

Magenta (4%)

Yellow (20%)

Black (0%)



Cyan (0%)

Magenta (4%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 242.7290, -19.0934, 10.7617 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 242.7290, -19.0934, 10.7617 by changing the saturation by 10% instead.

242.7290,
-19.0934, 10.7617

242.7290,
-19.0934, 10.7617

255.0000, 0.0000,
0.0000

214.4300,
-18.9460, 10.1469

186.6580,
-18.0724, 9.9469

159.4730,
-17.4882, 9.2322

133.5870,
-17.0514, 9.1322

107.8150,
-16.1778, 8.9322

83.3310, -15.4462,
7.6027

60.1460, -14.8620,

6.8880

■ 37.7330, -15.1514,
6.3732

■ 18.6170, -9.1782,
3.8439

■ 242.7290,
-19.0934, 10.7617

■ 242.7290,
-19.0934, 10.7617

■ 236.9440,
-28.5664, 15.8351

■ 249.2150, -9.4730,
5.0734

■ 230.4580,
-38.1868, 21.5233

255.0000, 0.0000,
0.0000

■ 224.6730,
-47.6598, 26.5968

■ 218.1870,
-57.2802, 32.2850

■ 212.4020,
-66.7532, 37.3584

■ 205.9160,
-76.3736, 43.0467

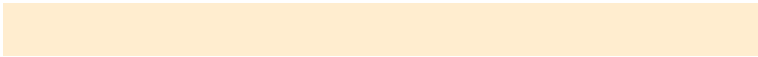
■ 200.0170,
-86.2834, 48.2201

■ 193.6450,
-95.4670, 53.8083

Harmonies

Analogous

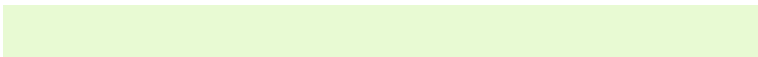
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



238.9620, -15.7573, 14.0653



242.7290, -19.0934, 10.7617



240.1720, -14.3818, -7.1668

Triad

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



242.7290, -19.0934, 10.7617



235.5760, 9.5760, -38.2162



241.4990, 6.6560, 11.8404

Complementary

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



242.7290, -19.0934, 10.7617



216.2710, 19.0934, -10.7617

Split Complementary

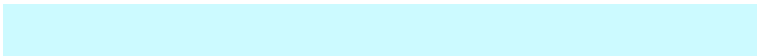
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



244.1350, 5.3564, 8.6516



242.7290, -19.0934, 10.7617



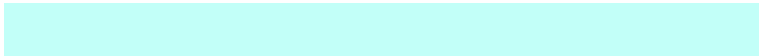
236.8160, 8.9647, -28.7796

Square

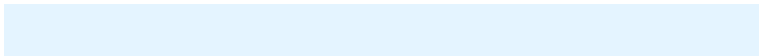
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



242.7290, -19.0934, 10.7617



235.9630, 5.9342, -36.8016



240.4700, 7.1633, -10.9362



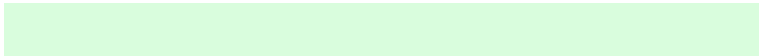
238.6150, 0.6828, 14.3696

Rectangle

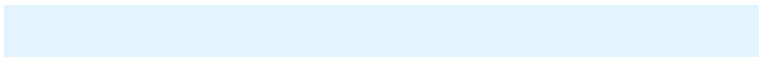
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



242.7290, -19.0934, 10.7617



238.5880, -8.6709, -18.9327



240.4700, 7.1633, -10.9362



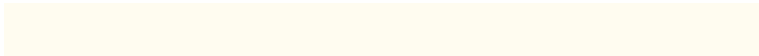
242.0860, 6.3666, 11.3256

Sweetspot

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



242.7290, -19.0934, 10.7617



251.5290, -5.6838, 3.0441



220.5030, -2.7130, 30.2539



125.8000, -3.3524, 1.9294



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.



242.7290, -19.0934, 10.7617



240.4150, -22.8826, 12.7910



245.0000, -20.2130, -3.5080



124.7570, -4.8102, 2.8441



145.1590, -71.5634, 40.2026



48.4860, -23.9036, 13.6058

Inverse Universe

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



216.2710, 19.0934, -10.7617



208.5850, 22.8826, -12.7910



214.0000, 20.2130, 3.5080



118.2430, 4.8102, -2.8441



45.8410, 71.5634, -40.2026



15.5140, 23.9036, -13.6058

Previews

White Background



This preview shows how the YUV color 242.7290, -19.0934, 10.7617 looks on a white background.

Color Contrast Check

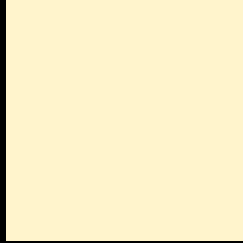
Large Text (above 18pt) WCAG AA × Fail

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 242.7290, -19.0934, 10.7617 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

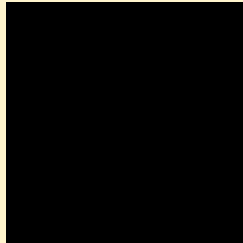
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 242.7290, -19.0934, 10.7617

Background



This preview shows how black text looks on a background with the YUV color 242.7290, -19.0934, 10.7617.



This preview shows how white text looks on a background with the YUV color 242.7290, -19.0934, 10.7617.

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

242.7290, -19.0934, 10.7617

Protanopia

242.9400, -15.7464, 10.5766

Deuteranopia

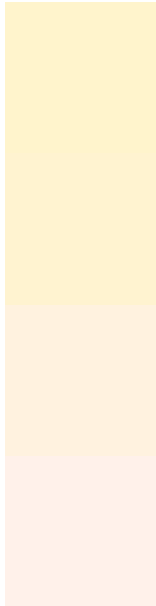
244.3880, -5.1213, 9.3067



Tritanopia

245.7390, 2.5937, 8.1219

Trichromacy



Original Color

242.7290, -19.0934, 10.7617

Protanomaly

242.5980, -17.0568, 10.8766

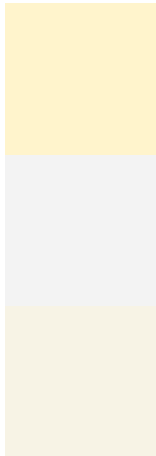
Deuteranomaly

243.7210, -10.2155, 9.8917

Tritanomaly

244.3880, -5.1213, 9.3067

Monochromacy



Original Color

242.7290, -19.0934, 10.7617

Achromatopsia

243.0000, 0.0000, 0.0000

Achromatomaly

242.6000, -6.7048, 3.8588

CSS Examples

Text

The CSS property to change the color of the text to YUV 242.7290, -19.0934, 10.7617 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, 244, 204)` looks like.

```
.text, #text, p{  
    color:rgb(255, 244, 204)  
}
```

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, 244, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 244, 204) }
```

Border

The CSS property to change the border of an element to YUV 242.7290, -19.0934, 10.7617 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, 244, 204) }
```


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

```
.border{ border-color:rgb(255, 244, 204) }
```

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

Here you see how a box with a 4 pixel rgb(255, 244, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 244, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 244, 204);  
box-shadow:4px 4px 4px 4px rgb(255, 244,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 242.7290, -19.0934, 10.7617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 244, 204) }
```

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

```
.background{ background-color: rgb(255,  
244, 204) }
```

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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