

Converting Colors

YUV(241.4240, -16.4780,
11.9062)

Have a look what the booklet for
YUV(241.4240, -16.4780, 11.9062)
contains.

YUV(241.4240, -16.4780, 11.9062)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(241.4240, -16.4780,
11.9062)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF1D0
RGB	255, 241, 208
RGB Percent	100%, 95%, 82%
CMY	0.0000, 0.0549, 0.1843
CMYK	0.00, 0.05, 0.18, 0.00
HSL	42°, 100%, 91%
HSV	42°, 18%, 100%
XYZ	84.0805, 88.7247, 72.3686
YIQ	241.4240, 18.9370, -7.2950

Conversions

Conversions Part 2

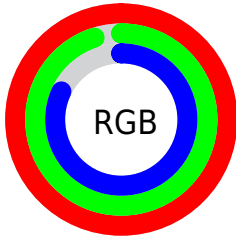
Format	Color
R_{YB}	228, 255, 208
Decimal	16773584
CIE _{Lab}	95.47, -0.47, 17.64
CIE _{LCh}	95, 17.648, 91.541
Yxy	88.7247, 0.3429, 0.3619
Android (android.graphics.Color)	4294963664 (0xFFFFF1D0)
YUV	241.4240, -16.4780, 11.9062
Hunter-Lab	94.1938, -5.5041, 20.3835

Details

The YUV color $241.4240, -16.4780, 11.9062$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $221.5760, 16.4780, -11.9062$, 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 $185.3530, -15.4570, 11.0914$ is the 20% darker color. If you saturate the color by 10%, you get $233.7640, -25.5197, 18.6240$, and if you desaturate by 10%, it is $249.0840, -7.4364, 5.1883$.

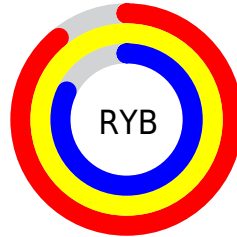
Distribution



Red (100%)

Green (95%)

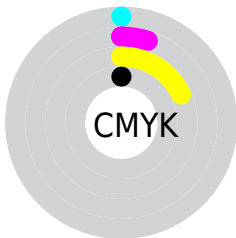
Blue (82%)



Red (89%)

Yellow (100%)

Blue (82%)

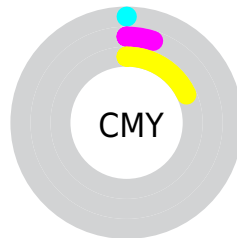


Cyan (0%)

Magenta (5%)

Yellow (18%)

Black (0%)



Cyan (0%)

Magenta (5%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 241.4240, -16.4780, 11.9062 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 241.4240, -16.4780, 11.9062 by changing the saturation by 10% instead.

241.4240,
-16.4780, 11.9062

241.4240,
-16.4780, 11.9062

255.0000, 0.0000,
0.0000

213.1250,
-16.3306, 11.2914

185.3530,
-15.4570, 11.0914

158.1680,
-14.8728, 10.3767

132.1680,
-14.8728, 10.3767

106.9830,
-14.2886, 9.6619

82.7980, -13.7044,
8.9472

59.6130, -13.1202,

8.2324

■ 37.4280, -12.5360,
7.5176

■ 17.7420, -8.7468,
5.4883

■ 241.4240,
-16.4780, 11.9062

■ 241.4240,
-16.4780, 11.9062

■ 233.7640,
-25.5197, 18.6240

■ 249.0840, -7.4364,
5.1883

■ 226.8050,
-34.4139, 24.7270

255.0000, 0.0000,
0.0000

■ 219.2590,
-43.0187, 31.3449

■ 212.1860,
-52.3497, 37.5479

■ 204.6400,
-60.9545, 44.1657

■ 196.9800,
-69.9961, 50.8835

■ 189.9070,
-79.3272, 57.0866

■ 182.3610,
-87.9320, 63.7044

■ 181.3180,
-89.3898, 64.6191

Harmonies

Analogous

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



238.3580, -12.9945, 14.5950



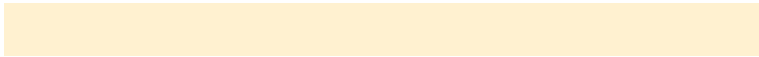
241.4240, -16.4780, 11.9062



239.2480, -12.9403, -2.8485

Triad

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



241.4240, -16.4780, 11.9062



235.6090, 9.5598, -32.9831



242.0860, 6.3666, 11.3256

Complementary

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



241.4240, -16.4780, 11.9062



221.5760, 16.4780, -11.9062

Split Complementary

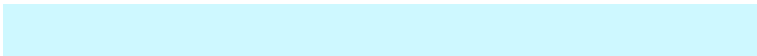
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



241.7430, 6.5357, 3.7334



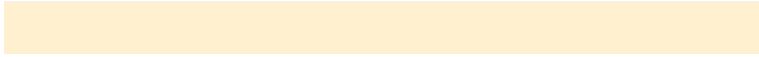
241.4240, -16.4780, 11.9062



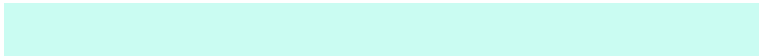
236.2400, 9.2487, -26.5205

Square

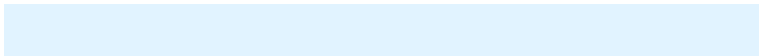
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



241.4240, -16.4780, 11.9062



235.9100, 3.0024, -29.7391



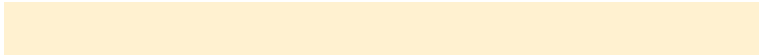
238.9860, 7.8949, -12.2657



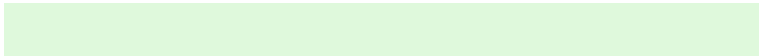
238.8430, 1.5564, 14.1697

Rectangle

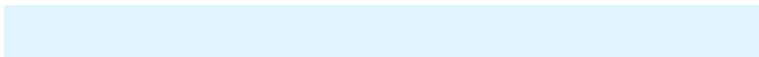
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



241.4240, -16.4780, 11.9062



237.9200, -8.8346, -13.0848



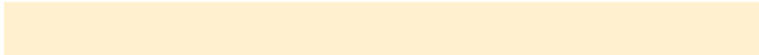
238.9860, 7.8949, -12.2657



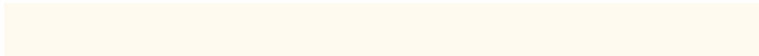
242.6730, 6.0772, 10.8108

Sweetspot

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



241.4240, -16.4780, 11.9062



250.3550, -5.1050, 4.0737



223.6490, -0.8130, 27.4948



125.2130, -3.0630, 2.4442



0.0000, 0.0000, 0.0000



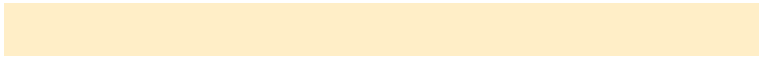
128.0000, 0.0000, 0.0000

Same Dimension

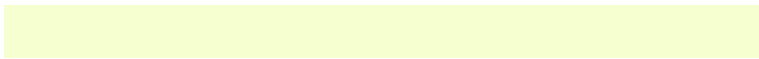
The Same Dimension uses a secret algorithm to generate beautiful new colors.



241.4240, -16.4780, 11.9062



238.6370, -19.5410, 14.3504



246.9510, -19.2028, -0.8340



124.1700, -4.5208, 3.3589



135.7670, -66.9331, 48.4393



45.5510, -22.4566, 16.1798

Inverse Universe

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



221.5760, 16.4780, -11.9062



215.3630, 19.5410, -14.3504



216.0490, 19.2028, 0.8340



118.8300, 4.5208, -3.3589



55.2330, 66.9331, -48.4393



18.4490, 22.4566, -16.1798

Previews

White Background



This preview shows how the YUV color 241.4240, -16.4780, 11.9062 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 241.4240, -16.4780, 11.9062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

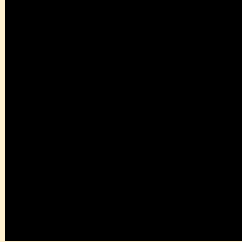
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 241.4240, -16.4780, 11.9062

Background



This preview shows how black text looks on a background with the YUV color 241.4240, -16.4780, 11.9062.



This preview shows how white text looks on a background with the YUV color 241.4240, -16.4780,

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

241.4240, -16.4780, 11.9062

Protanopia

241.1250, -16.3306, 11.2914

Deuteranopia

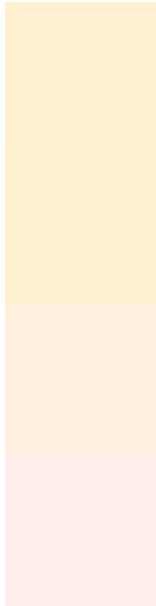
242.8720, -5.8529, 10.6363



Tritanopia

243.8640, 3.0250, 9.7663

Trichromacy



Original Color

241.4240, -16.4780, 11.9062

Protanomaly

241.1250, -16.3306, 11.2914

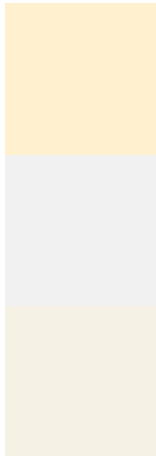
Deuteranomaly

242.5470, -9.6367, 10.9213

Tritanomaly

242.7410, -3.8163, 10.7511

Monochromacy



Original Color

241.4240, -16.4780, 11.9062

Achromatopsia

241.0000, 0.0000, 0.0000

Achromatomaly

241.1270, -5.9786, 4.2736

CSS Examples

Text

The CSS property to change the color of the text to YUV 241.4240, -16.4780, 11.9062 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, 241, 208)` looks like.

```
.text, #text, p{  
    color:rgb(255, 241, 208)  
}
```

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, 241, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 241, 208) }
```

Border

The CSS property to change the border of an element to YUV 241.4240, -16.4780, 11.9062 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, 241, 208) }
```


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

```
.border{ border-color:rgb(255, 241, 208) }
```

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

Here you see how a box with a 4 pixel rgb(255, 241, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 241, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 241, 208);  
box-shadow:4px 4px 4px 4px rgb(255, 241,  
208) }
```

Background

The CSS property to change the background color of an element to YUV 241.4240, -16.4780, 11.9062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 241, 208) }
```

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

```
.background{ background-color: rgb(255,  
241, 208) }
```

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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