

Converting Colors

YUV(241.8440, -6.8251, -4.2482)

Have a look what the booklet for
YUV(241.8440, -6.8251, -4.2482)
contains.

YUV(241.8440, -6.8251, -4.2482)	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(241.8440, -6.8251,
-4.2482)**

Conversions

Conversions Part 1

Format	Color
Hex	EDF7E4
RGB	237, 247, 228
RGB Percent	93%, 97%, 89%
CMY	0.0706, 0.0314, 0.1059
CMYK	0.04, 0.00, 0.08, 0.03
HSL	92°, 54%, 93%
HSV	92°, 8%, 97%
XYZ	82.1894, 90.1275, 86.4633
YIQ	241.8440, 0.1390, -8.0290

Conversions

Conversions Part 2

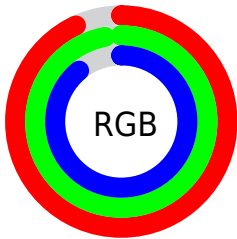
Format	Color
RYB	228, 247, 238
Decimal	15595492
CIELab	96.05, -6.62, 7.98
CIELCh	96, 10.371, 129.663
Yxy	90.1275, 0.3176, 0.3483
Android (android.graphics.Color)	4293785572 (0xFFEDF7E4)
YUV	241.8440, -6.8251, -4.2482
Hunter-Lab	94.9355, -11.6026, 12.4560

Details

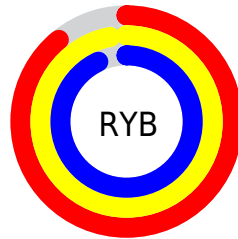
The YUV color $241.8440, -6.8251, -4.2482$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $233.1560, 6.8251, 4.2482$, and the grayscale version is $242.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $185.9580, -6.3883, -4.3482$ is the 20% darker color. If you saturate the color by 10%, you get $235.1070, -15.8288, -9.7408$, and if you desaturate by 10%, it is $248.5810, 2.1786, 1.2445$.

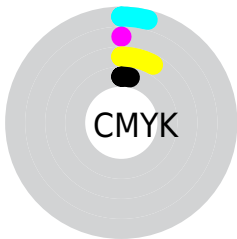
Distribution



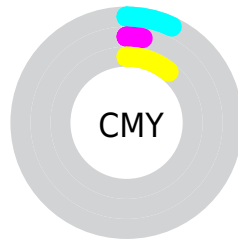
- Red (93%)
- Green (97%)
- Blue (89%)



- Red (89%)
- Yellow (97%)
- Blue (93%)



- Cyan (4%)
- Magenta (0%)
- Yellow (8%)
- Black (3%)





- Cyan (7%)
- Magenta (3%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the YUV color 241.8440, -6.8251, -4.2482 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 241.8440, -6.8251, -4.2482 by changing the saturation by 10% instead.


 241.8440, -6.8251,
-4.2482


 241.8440, -6.8251,
-4.2482

255.0000, 0.0000,
0.0000


 213.8440, -6.8251,
-4.2482

 185.9580, -6.3883,
-4.3482

 158.9580, -6.3883,
-4.3482

 132.3710, -6.0989,
-3.8334

 107.4850, -5.6621,
-3.9333

 83.4850, -5.6621,
-3.9333

 59.8980, -5.3727,

-3.4185

■ 38.3110, -5.0833,
-2.9037

■ 17.3280, -7.5567,
-2.9187

■ 241.8440, -6.8251,
-4.2482

■ 241.8440, -6.8251,
-4.2482

■ 235.1070,
-15.8288, -9.7408

■ 248.5810, 2.1786,
1.2445

■ 228.4840,
-24.3956, -15.3335

■ 250.3040, 2.3151,
4.1184

■ 221.7470,
-33.3993, -20.8261

■ 215.0100,
-42.4029, -26.3188

■ 208.3870,
-50.9698, -31.9114

■ 201.6500,
-59.9734, -37.4041

■ 194.9130,
-68.9771, -42.8967

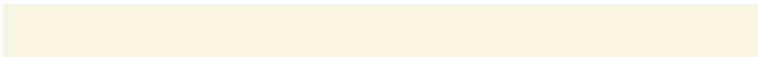
■ 188.1760,
-77.9808, -48.3894

■ 181.5530,
-86.5476, -53.9820

Harmonies

Analogous

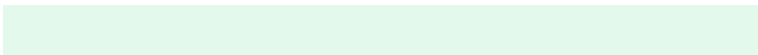
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



243.2150, -9.4730, 5.0734



241.8440, -6.8251, -4.2482



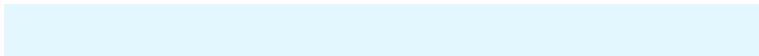
240.6410, -2.2880, -12.8402

Triad

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



241.8440, -6.8251, -4.2482



241.6330, 6.5899, -13.7101



242.8380, -0.9061, 10.6661

Complementary

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



241.8440, -6.8251, -4.2482



233.1560, 6.8251, 4.2482

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.



244.5650, 3.1725, 9.1515



241.8440, -6.8251, -4.2482



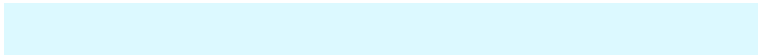
242.5740, 6.1260, -4.8884

Square

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



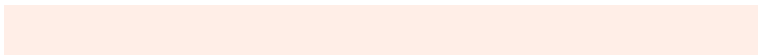
241.8440, -6.8251, -4.2482



241.0130, 6.8956, -18.4284



244.7000, 5.0779, 4.6481



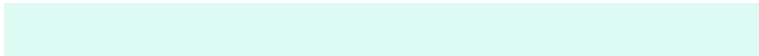
242.2850, -5.5635, 11.1511

Rectangle

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



241.8440, -6.8251, -4.2482



240.5310, 1.2172, -17.1287



244.7000, 5.0779, 4.6481



243.1800, 0.4043, 10.3661

Sweetspot

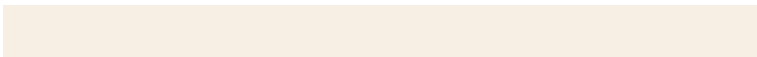
The Sweet Spot groups the original color and five complimentary colors.



241.8440, -6.8251, -4.2482



253.5330, -1.7418, -1.3444



239.5510, -5.6946, 6.5328



127.0600, -1.0156, -0.9296



0.0000, 0.0000, 0.0000



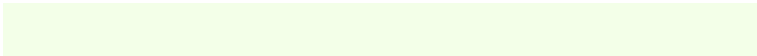
128.0000, 0.0000, 0.0000

Same Dimension

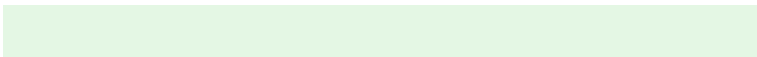
The Same Dimension uses a secret algorithm to generate beautiful new colors.



241.8440, -6.8251, -4.2482



248.7900, -8.2775, -5.0778



239.1530, -5.4984, -9.7812



118.8380, -4.3571, -2.4889



135.4940, -66.7985, -41.6522



43.0050, -21.2015, -13.1594

Inverse Universe

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



233.1560, 6.8251, 4.2482



238.2100, 8.2775, 5.0778



235.8470, 5.4984, 9.7812



113.4610, 4.2097, 3.1037



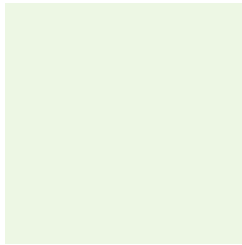
50.5060, 66.7985, 41.6522



15.9950, 21.2015, 13.1594

Previews

White Background



This preview shows how the YUV color 241.8440, -6.8251, -4.2482 looks on a white background.

Color Contrast Check

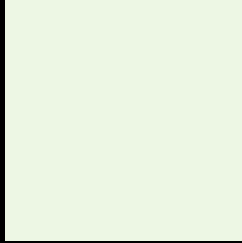
Large Text (above 18pt) WCAG AA × Fail

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 241.8440, -6.8251, -4.2482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

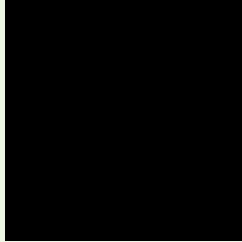
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

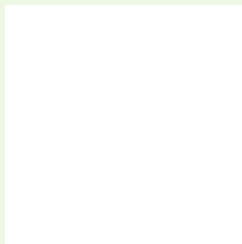
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 241.8440, -6.8251, -4.2482

Background



This preview shows how black text looks on a background with the YUV color 241.8440, -6.8251, -4.2482.



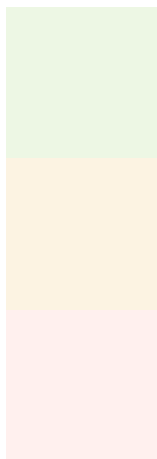
This preview shows how white text looks on a background with the YUV color 241.8440, -6.8251, -4.2482.

-4.2482.

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

241.8440, -6.8251, -4.2482

Protanopia

243.7530, -8.7522, 7.2326

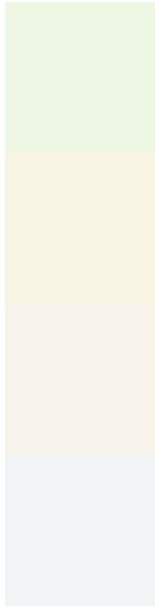
Deuteranopia

244.2570, -3.0847, 9.4216

Tritanopia

244.3680, 5.2416, -1.1997

Trichromacy



Original Color

241.8440, -6.8251, -4.2482

Protanomaly

242.9590, -7.8678, 3.5440

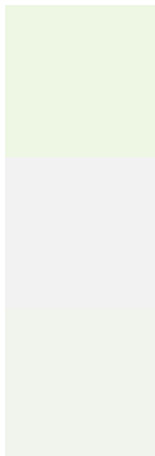
Deuteranomaly

243.4690, -4.6682, 3.9737

Tritanomaly

243.2170, 0.8790, -1.9443

Monochromacy



Original Color

241.8440, -6.8251, -4.2482

Achromatopsia

242.0000, 0.0000, 0.0000

Achromatomaly

242.0060, -2.4680, -1.7593

CSS Examples

Text

The CSS property to change the color of the text to YUV 241.8440, -6.8251, -4.2482 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(237, 247, 228)` looks like.

```
.text, #text, p{  
    color:rgb(237, 247, 228)  
}
```

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(237, 247, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 247, 228) }
```

Border

The CSS property to change the border of an element to YUV 241.8440, -6.8251, -4.2482 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(237, 247, 228) }
```


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

```
.border{ border-color:rgb(237, 247, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 247, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 247, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 247, 228);  
box-shadow:4px 4px 4px 4px rgb(237, 247,  
228) }
```

Background

The CSS property to change the background color of an element to YUV 241.8440, -6.8251, -4.2482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 247, 228) }
```

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

```
.background{ background-color: rgb(237,  
247, 228) }
```

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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