

# Converting Colors

YUV(241.1320, -6.9671, -5.3778)

Have a look what the booklet for  
YUV(241.1320, -6.9671, -5.3778)  
contains.

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# Color

**YUV(241.1320, -6.9671,  
-5.3778)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EBF7E3
RGB	235, 247, 227
RGB Percent	92%, 97%, 89%
CMY	0.0784, 0.0314, 0.1098
CMYK	0.05, 0.00, 0.08, 0.03
HSL	96°, 56%, 93%
HSV	96°, 8%, 97%
XYZ	81.3868, 89.7297, 85.7031
YIQ	241.1320, -0.7320, -8.7640

# Conversions

## Conversions Part 2

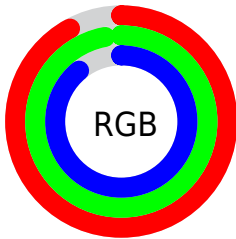
Format	Color
R <sub>Y</sub> B	227, 247, 239
Decimal	15464419
CIE Lab	95.88, -7.46, 8.24
CIE LCh	96, 11.120, 132.157
Yxy	89.7297, 0.3169, 0.3494
Android (android.graphics.Color)	4293654499 (0xFFEBF7E3)
YUV	241.1320, -6.9671, -5.3778
Hunter-Lab	94.7258, -12.4059, 12.6655

# Details

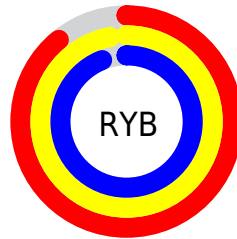
The YUV color  $241.1320, -6.9671, -5.3778$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $232.8680, 6.9671, 5.3778$ , and the grayscale version is  $241.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $185.2460, -6.5303, -5.4777$  is the 20% darker color. If you saturate the color by 10%, you get  $233.7970, -15.6759, -12.1000$ , and if you desaturate by 10%, it is  $248.4670, 1.7418, 1.3444$ .

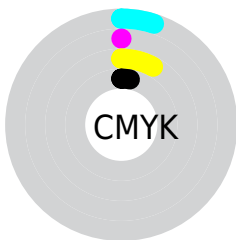
# Distribution



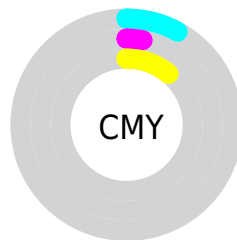
- Red (92%)
- Green (97%)
- Blue (89%)



- Red (89%)
- Yellow (97%)
- Blue (94%)



- Cyan (5%)
- Magenta (0%)
- Yellow (8%)
- Black (3%)




- Cyan (8%)
- Magenta (3%)
- Yellow (11%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 241.1320, -6.9671, -5.3778 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 241.1320, -6.9671, -5.3778 by changing the saturation by 10% instead.




 241.1320, -6.9671,  
-5.3778


 241.1320, -6.9671,  
-5.3778


255.0000, 0.0000,  
0.0000


 213.1320, -6.9671,  
-5.3778

 185.2460, -6.5303,  
-5.4777

 158.2460, -6.5303,  
-5.4777

 131.6590, -6.2409,  
-4.9629

 106.7730, -5.8041,  
-5.0629

 82.7730, -5.8041,  
-5.0629

 59.5990, -5.2253,

-4.0333

■ 37.7130, -4.7885,  
-4.1333

■ 16.3170, -7.5513,  
-4.6630

■ 241.1320, -6.9671,  
-5.3778

■ 241.1320, -6.9671,  
-5.3778

■ 233.7970,  
-15.6759, -12.1000

■ 248.4670, 1.7418,  
1.3444

■ 226.5760,  
-23.9480, -18.9222

■ 250.3040, 2.3151,  
4.1184

■ 219.5400,  
-32.8042, -25.0296

■ 212.2050,  
-41.5131, -31.7518

■ 204.8700,  
-50.2219, -38.4740

■ 197.6490,  
-58.4940, -45.2962

■ 190.3140,  
-67.2028, -52.0184

■ 182.9790,  
-75.9116, -58.7406

■ 176.0570,  
-84.3311, -64.9480

# Harmonies

## Analogous

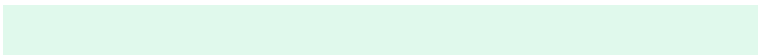
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



242.6880, -10.1992, 4.6586



241.1320, -6.9671, -5.3778



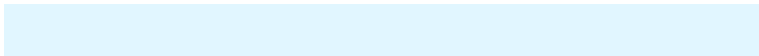
240.0430, -1.9932, -14.0697

# Triad

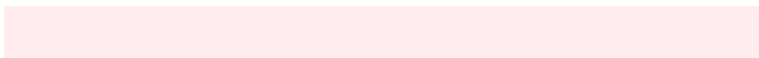
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



241.1320, -6.9671, -5.3778



240.7470, 7.0267, -13.8101



242.0230, -1.4903, 11.3808

# Complementary

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



241.1320, -6.9671, -5.3778



232.8680, 6.9671, 5.3778

# 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.



243.8640, 3.0250, 9.7663



241.1320, -6.9671, -5.3778



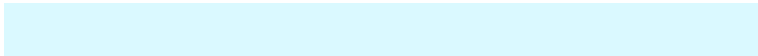
242.5740, 6.1260, -4.8884

# Square

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



241.1320, -6.9671, -5.3778



240.4150, 7.1904, -19.6580



244.4120, 5.2199, 5.7777



241.4700, -6.1477, 11.8658



# Rectangle

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



241.1320, -6.9671, -5.3778



240.0470, 1.9488, -18.4582



244.4120, 5.2199, 5.7777



242.4790, 0.2569, 10.9809

# Sweetspot

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



241.1320, -6.9671, -5.3778



253.5330, -1.7418, -1.3444



240.0240, -6.4208, 6.1180



127.0600, -1.0156, -0.9296



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

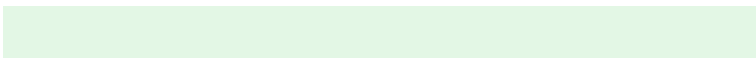
The Same Dimension uses a secret algorithm to generate beautiful new colors.



241.1320, -6.9671, -5.3778



247.6650, -8.7088, -6.7222



238.9680, -4.9142, -10.4959



118.5390, -4.2097, -3.1037



131.3080, -64.7348, -50.2591



41.5100, -20.4644, -16.2333



# Inverse Universe

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



232.8680, 6.9671, 5.3778



237.3350, 8.7088, 6.7222



235.0320, 4.9142, 10.4959



113.7600, 4.0623, 3.7185



54.6920, 64.7348, 50.2591



17.1910, 20.6118, 15.6185



# Previews

## White Background



This preview shows how the YUV color 241.1320, -6.9671, -5.3778 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

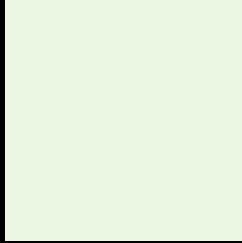
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 241.1320, -6.9671, -5.3778 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

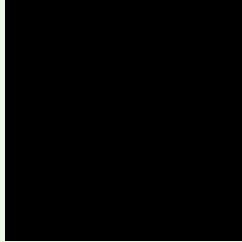
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

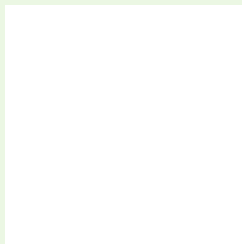
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 241.1320, -6.9671, -5.3778

## Background



This preview shows how black text looks on a background with the YUV color 241.1320, -6.9671, -5.3778.



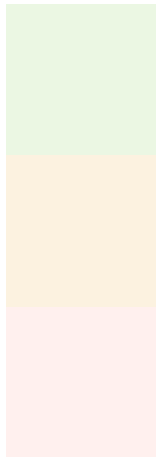
This preview shows how white text looks on a background with the YUV color 241.1320, -6.9671, -5.3778.

-5.3778.

# 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**

241.1320, -6.9671, -5.3778

**Protanopia**

242.9380, -9.3364, 7.9474

**Deuteranopia**

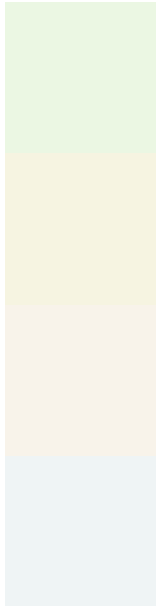
244.2570, -3.0847, 9.4216



## Tritanopia

243.1830, 5.8258, -1.9145

# Trichromacy



## Original Color

241.1320, -6.9671, -5.3778

## Protanomaly

242.4320, -8.5940, 3.1291

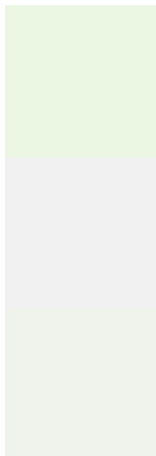
## Deuteranomaly

243.4690, -4.6682, 3.9737

## Tritanomaly

242.6190, 1.1738, -3.1739

# Monochromacy



## Original Color

241.1320, -6.9671, -5.3778

## Achromatopsia

241.0000, 0.0000, 0.0000

## Achromatomaly

241.0060, -2.4680, -1.7593

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 241.1320, -6.9671, -5.3778 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(235, 247, 227)` looks like.

```
.text, #text, p{  
    color:rgb(235, 247, 227)  
}
```

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(235, 247, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 247, 227) }
```

## Border

The CSS property to change the border of an element to YUV 241.1320, -6.9671, -5.3778 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(235, 247, 227) }
```



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

```
.border{ border-color:rgb(235, 247, 227) }
```

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

Here you see how a box with a 4 pixel rgb(235, 247, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 247, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 247, 227);  
box-shadow:4px 4px 4px 4px rgb(235, 247,  
227) }
```

# Background

The CSS property to change the background color of an element to YUV 241.1320, -6.9671, -5.3778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 247, 227) }
```

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

```
.background{ background-color: rgb(235,  
247, 227) }
```

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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