

Converting Colors

YUV(245.4000, -13.5082,
-7.3668)

Have a look what the booklet for
YUV(245.4000, -13.5082, -7.3668)
contains.

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Color

**YUV(245.4000, -13.5082,
-7.3668)**

Conversions

Conversions Part 1

Format	Color
Hex	EDFFDA
RGB	237, 255, 218
RGB Percent	93%, 100%, 85%
CMY	0.0706, 0.0000, 0.1451
CMYK	0.07, 0.00, 0.15, 0.00
HSL	89°, 100%, 93%
HSV	89°, 15%, 100%
XYZ	83.3399, 94.5865, 80.1942
YIQ	245.4000, 1.1490, -15.3230

Conversions

Conversions Part 2

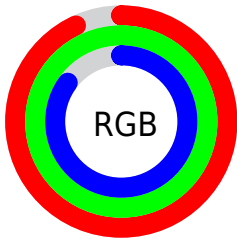
Format	Color
R _Y B	218, 255, 236
Decimal	15597530
CIE _{Lab}	97.87, -12.24, 15.71
CIE _{LCh}	98, 19.916, 127.937
Yxy	94.5865, 0.3229, 0.3664
Android (android.graphics.Color)	4293787610 (0xFFEDFFDA)
YUV	245.4000, -13.5082, -7.3668
Hunter-Lab	97.2556, -17.2376, 19.1901

Details

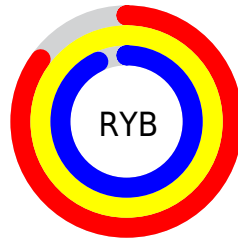
The YUV color **245.4000, -13.5082, -7.3668** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **227.6000, 13.5082, 7.3668**, and the grayscale version is **246.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **188.9270, -12.7820, -6.9520** is the 20% darker color. If you saturate the color by 10%, you get **238.9620, -22.6593, -12.2447**, and if you desaturate by 10%, it is **251.8380, -4.3571, -2.4889**.

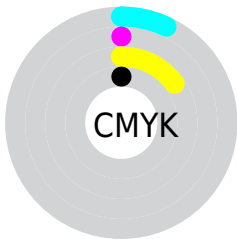
Distribution



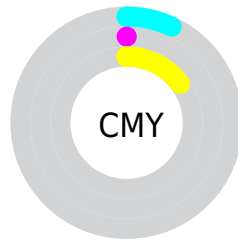
- Red (93%)
- Green (100%)
- Blue (85%)



- Red (85%)
- Yellow (100%)
- Blue (93%)



- Cyan (7%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)



- Cyan (7%)
- Magenta (0%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 245.4000, -13.5082, -7.3668 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 245.4000, -13.5082, -7.3668 by changing the saturation by 10% instead.

■ 245.4000,
-13.5082, -7.3668

■ 245.4000,
-13.5082, -7.3668

255.0000, 0.0000,
0.0000

■ 216.8130,
-13.2188, -6.8520

■ 188.9270,
-12.7820, -6.9520

■ 162.0410,
-12.3452, -7.0520

■ 135.4540,
-12.0558, -6.5372

■ 110.5680,
-11.6190, -6.6371

■ 85.6820, -11.1822,
-6.7371

■ 62.2090, -10.4560,

-6.3223

■ 40.3230, -10.0192,
-6.4223

■ 19.4370, -9.5824,
-6.5222

■ 245.4000,
-13.5082, -7.3668

■ 245.4000,
-13.5082, -7.3668

■ 238.9620,
-22.6593, -12.2447

■ 251.8380, -4.3571,
-2.4889

■ 232.1110,
-32.0997, -17.6373

255.0000, 0.0000,
0.0000

■ 225.6730,
-41.2508, -22.5152

■ 218.8220,
-50.6912, -27.9079

■ 212.2700,
-60.2791, -32.6858

■ 205.8320,
-69.4302, -37.5637

■ 198.9810,
-78.8706, -42.9563

■ 192.5430,
-88.0217, -47.8342

■ 188.8540,
-93.1050, -50.7380

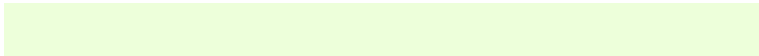
Harmonies

Analogous

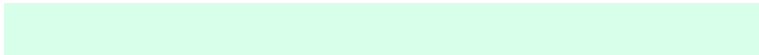
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



246.4620, -17.4828, 7.4878



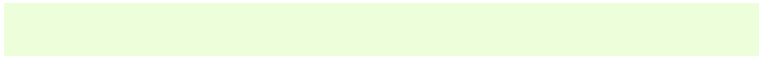
245.4000, -13.5082, -7.3668



240.9450, -3.4239, -21.8768

Triad

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



245.4000, -13.5082, -7.3668



242.1430, 6.3385, -26.4354



242.5930, 0.6937, 10.8809

Complementary

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



245.4000, -13.5082, -7.3668



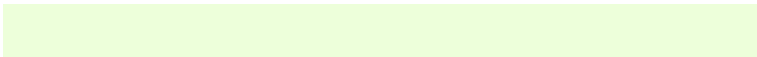
227.6000, 13.5082, 7.3668

Split Complementary

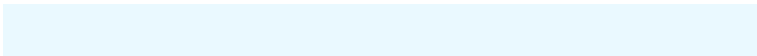
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



244.4340, 5.2090, 9.2664



245.4000, -13.5082, -7.3668



245.1990, 4.8319, -9.8215

Square

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



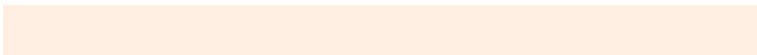
245.4000, -13.5082, -7.3668



238.2560, 8.2548, -34.4275



247.3690, 3.7621, 6.6924



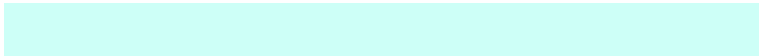
241.7150, -7.7475, 11.6509

Rectangle

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



245.4000, -13.5082, -7.3668



239.1380, 3.8760, -29.9390



247.3690, 3.7621, 6.6924



243.3910, 3.7512, 10.1811

Sweetspot

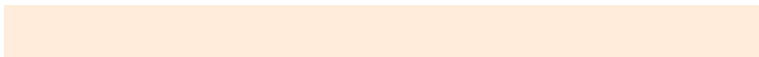
The Sweet Spot groups the original color and five complimentary colors.



245.4000, -13.5082, -7.3668



252.3650, -3.6309, -2.0741



239.6290, -10.6631, 13.4804



126.0060, -2.4680, -1.7593



0.0000, 0.0000, 0.0000



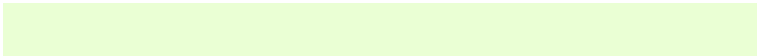
128.0000, 0.0000, 0.0000

Same Dimension

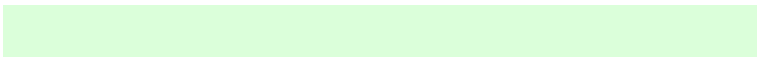
The Same Dimension uses a secret algorithm to generate beautiful new colors.



245.4000, -13.5082, -7.3668



243.8190, -15.6868, -8.6113



240.0180, -10.8549, -18.4328



124.4250, -4.6465, -3.0037



141.4190, -69.7196, -38.0785



47.4350, -23.3855, -12.6595

Inverse Universe

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



227.6000, 13.5082, 7.3668



223.1810, 15.6868, 8.6113



232.9820, 10.8549, 18.4328



118.2760, 4.7939, 2.3889



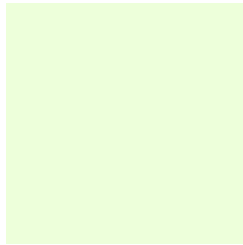
49.5810, 69.7196, 38.0785



16.5650, 23.3855, 12.6595

Previews

White Background



This preview shows how the YUV color 245.4000, -13.5082, -7.3668 looks on a white background.

Color Contrast Check

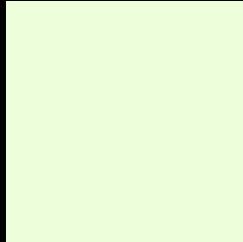
Large Text (above 18pt) WCAG AA × Fail

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 245.4000, -13.5082, -7.3668 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

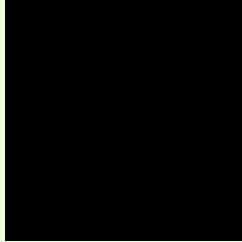
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

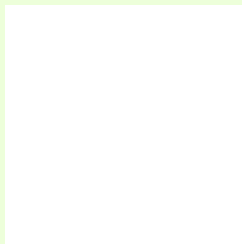
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 245.4000, -13.5082, -7.3668

Background



This preview shows how black text looks on a background with the YUV color 245.4000, -13.5082, -7.3668.



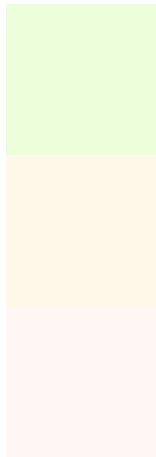
This preview shows how white text looks on a background with the YUV color 245.4000, -13.5082, -7.3668.

-7.3668.

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

245.4000, -13.5082, -7.3668

Protanopia

248.2690, -8.0206, 5.9031

Deuteranopia

249.0500, -2.4896, 5.2182

Tritanopia

248.4990, 3.2050, -1.3146

Trichromacy



Original Color

245.4000, -13.5082, -7.3668

Protanomaly

247.3670, -10.0409, 0.5551

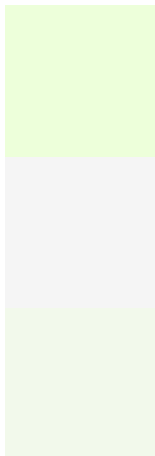
Deuteranomaly

247.6920, -6.2572, 0.2701

Tritanomaly

247.5820, -2.7519, -4.0184

Monochromacy



Original Color

245.4000, -13.5082, -7.3668

Achromatopsia

245.0000, 0.0000, 0.0000

Achromatomaly

245.3110, -5.0833, -2.9037

CSS Examples

Text

The CSS property to change the color of the text to YUV 245.4000, -13.5082, -7.3668 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, 255, 218)` looks like.

```
.text, #text, p{  
    color:rgb(237, 255, 218)  
}
```

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, 255, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 255, 218) }
```

Border

The CSS property to change the border of an element to YUV 245.4000, -13.5082, -7.3668 is called "border". The border property can be set on classes, ids or directly on the HTML element.

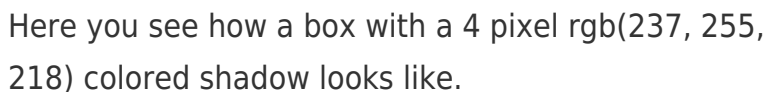
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(237, 255, 218) }
```


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

```
.border{ border-color:rgb(237, 255, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(237, 255, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 255, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 255, 218); box-shadow:4px 4px 4px 4px rgb(237, 255, 218) }
```

Background

The CSS property to change the background color of an element to YUV 245.4000, -13.5082, -7.3668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 255, 218) }
```

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

```
.background{ background-color: rgb(237,  
255, 218) }
```

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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