

Converting Colors

YUV(246.5530, -15.5556,
-3.9930)

Have a look what the booklet for
YUV(246.5530, -15.5556, -3.9930)
contains.

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Color

**YUV(246.5530, -15.5556,
-3.9930)**

Conversions

Conversions Part 1

Format	Color
Hex	F2FFD7
RGB	242, 255, 215
RGB Percent	95%, 100%, 84%
CMY	0.0510, 0.0000, 0.1569
CMYK	0.05, 0.00, 0.16, 0.00
HSL	80°, 100%, 92%
HSV	80°, 16%, 100%
XYZ	84.6437, 95.3035, 78.2242
YIQ	246.5530, 5.0920, -15.1960

Conversions

Conversions Part 2

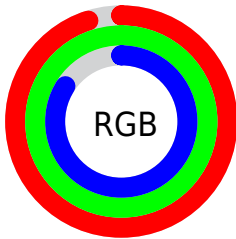
Format	Color
RYP	215, 255, 228
Decimal	15925207
CIELab	98.15, -11.00, 17.69
CIElCh	98, 20.833, 121.866
Yxy	95.3035, 0.3279, 0.3691
Android (android.graphics.Color)	4294115287 (0xFFFF2FFD7)
YUV	246.5530, -15.5556, -3.9930
Hunter-Lab	97.6235, -16.0742, 20.8283

Details

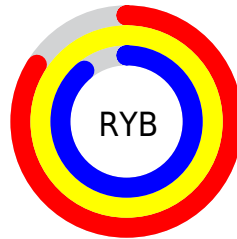
The YUV color $246.5530, -15.5556, -3.9930$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $223.4470, 15.5556, 3.9930$, and the grayscale version is $247.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $190.0800, -14.8294, -3.5782$ is the 20% darker color. If you saturate the color by 10%, you get $241.3110, -25.2963, -6.4117$, and if you desaturate by 10%, it is $251.9090, -5.3781, -1.6742$.

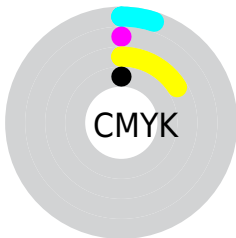
Distribution



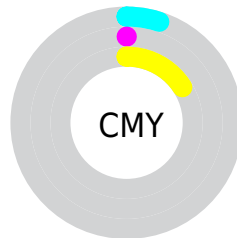
- Red (95%)
- Green (100%)
- Blue (84%)



- Red (84%)
- Yellow (100%)
- Blue (89%)



- Cyan (5%)
- Magenta (0%)
- Yellow (16%)
- Black (0%)



- Cyan (5%)
- Magenta (0%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 246.5530, -15.5556, -3.9930 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 246.5530, -15.5556, -3.9930 by changing the saturation by 10% instead.

■ 246.5530,
-15.5556, -3.9930

■ 246.5530,
-15.5556, -3.9930

255.0000, 0.0000,
0.0000

■ 217.9660,
-15.2662, -3.4782

■ 190.0800,
-14.8294, -3.5782

■ 163.1940,
-14.3926, -3.6781

■ 136.4220,
-13.5190, -3.8781

■ 111.4220,
-13.5190, -3.8781

■ 86.6500, -12.6455,
-4.0781

■ 63.1770, -11.9193,

-3.6632

■ 41.2910, -11.4825,
-3.7632

■ 20.6330, -10.1721,
-4.0631

■ 246.5530,
-15.5556, -3.9930

■ 246.5530,
-15.5556, -3.9930

■ 241.3110,
-25.2963, -6.4117

■ 251.9090, -5.3781,
-1.6742

■ 235.6560,
-35.3264, -9.3453

255.0000, 0.0000,
0.0000

■ 230.4140,
-45.0671, -11.7641

■ 225.0580,
-55.2446, -14.0829

■ 219.8160,
-64.9853, -16.5016

■ 214.1610,
-75.0154, -19.4352

■ 208.8050,
-85.1929, -21.7540

■ 203.5630,
-94.9336, -24.1728

■ 201.1130,
-99.1487, -25.5321

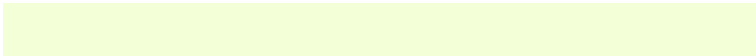
Harmonies

Analogous

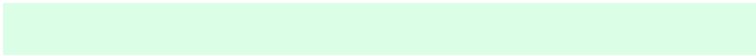
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



246.2340, -18.3564, 7.6878



246.5530, -15.5556, -3.9930



241.3860, -5.6133, -19.6325

Triad

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



246.5530, -15.5556, -3.9930



240.6480, 7.0755, -29.5093



243.1630, 2.8776, 10.3810

Complementary

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



246.5530, -15.5556, -3.9930



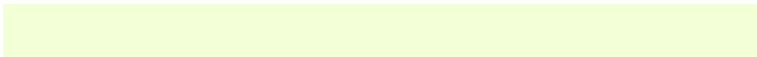
223.4470, 15.5556, 3.9930

Split Complementary

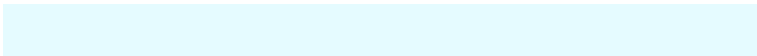
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



245.0210, 4.9196, 8.7516



246.5530, -15.5556, -3.9930



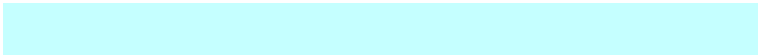
244.8780, 4.9901, -13.9250

Square

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



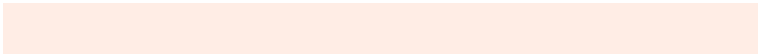
246.5530, -15.5556, -3.9930



237.6580, 8.5496, -35.6571



248.5430, 3.1833, 5.6628



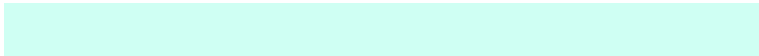
241.4700, -6.1477, 11.8658

Rectangle

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



246.5530, -15.5556, -3.9930



239.2800, 1.8340, -28.3096



248.5430, 3.1833, 5.6628



243.8470, 5.4984, 9.7812

Sweetspot

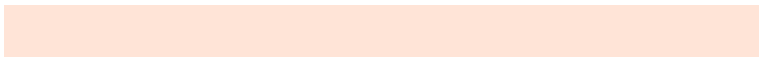
The Sweet Spot groups the original color and five complimentary colors.



246.5530, -15.5556, -3.9930



252.3220, -5.0887, -1.1594



234.5910, -9.6584, 17.8987



126.1910, -3.0522, -1.0445



0.0000, 0.0000, 0.0000



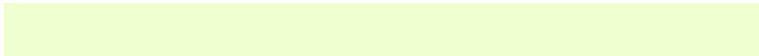
128.0000, 0.0000, 0.0000

Same Dimension

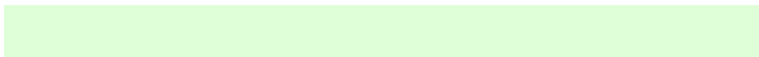
The Same Dimension uses a secret algorithm to generate beautiful new colors.



246.5530, -15.5556, -3.9930



244.7440, -18.6078, -5.0375



240.5730, -12.6075, -16.2885



125.0230, -4.9413, -1.7742



150.6880, -74.2892, -19.0204



50.4250, -24.8595, -6.5117

Inverse Universe

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



223.4470, 15.5556, 3.9930



216.9570, 18.7552, 4.4227



229.4270, 12.6075, 16.2885



117.6780, 5.0887, 1.1594



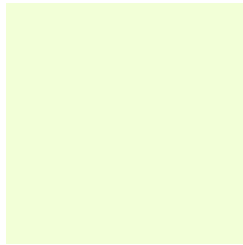
40.3120, 74.2892, 19.0204



13.5750, 24.8595, 6.5117

Previews

White Background



This preview shows how the YUV color 246.5530, -15.5556, -3.9930 looks on a white background.

Color Contrast Check

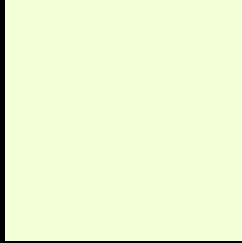
Large Text (above 18pt) WCAG AA × Fail

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 246.5530, -15.5556, -3.9930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

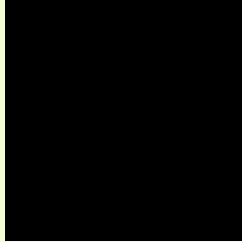
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

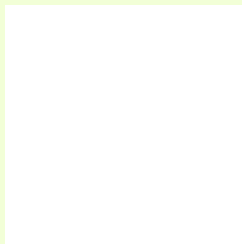
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 246.5530, -15.5556, -3.9930

Background



This preview shows how black text looks on a background with the YUV color 246.5530, -15.5556, -3.9930.



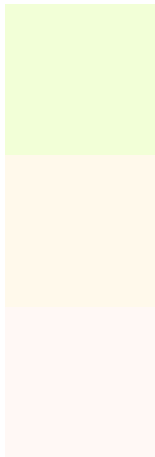
This preview shows how white text looks on a background with the YUV color 246.5530, -15.5556, -3.9930.

-3.9930.

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

246.5530, -15.5556, -3.9930

Protanopia

249.1980, -6.9996, 5.0884

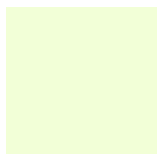
Deuteranopia

249.7510, -2.3422, 4.6034

Tritanopia

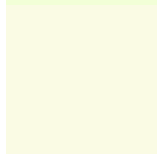
249.9830, 2.4734, 0.0149

Trichromacy



Original Color

246.5530, -15.5556, -3.9930



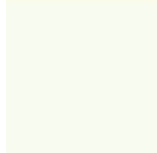
Protanomaly

248.0790, -9.8989, 1.6847



Deuteranomaly

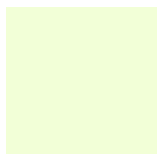
248.7630, -7.2782, 1.0848



Tritanomaly

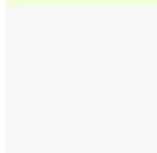
248.5500, -4.2152, -1.3594

Monochromacy



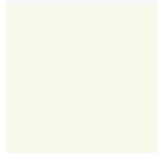
Original Color

246.5530, -15.5556, -3.9930



Achromatopsia

247.0000, 0.0000, 0.0000



Achromatomaly

246.7950, -5.8149, -1.5742

CSS Examples

Text

The CSS property to change the color of the text to YUV 246.5530, -15.5556, -3.9930 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(242, 255, 215)` looks like.

```
.text, #text, p{  
    color:rgb(242, 255, 215)  
}
```

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(242, 255, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 255, 215) }
```

Border

The CSS property to change the border of an element to YUV 246.5530, -15.5556, -3.9930 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(242, 255, 215) }
```


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

```
.border{ border-color:rgb(242, 255, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 255, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 255, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 255, 215);  
box-shadow:4px 4px 4px 4px rgb(242, 255,  
215) }
```

Background

The CSS property to change the background color of an element to YUV 246.5530, -15.5556, -3.9930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 255, 215) }
```

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

```
.background{ background-color: rgb(242,  
255, 215) }
```

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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