

Converting Colors

YUV(235.9890, -3.4456,
-14.8994)

Have a look what the booklet for
YUV(235.9890, -3.4456, -14.8994)
contains.

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Color

**YUV(235.9890, -3.4456,
-14.8994)**

Conversions

Conversions Part 1

Format	Color
Hex	DBF6E5
RGB	219, 246, 229
RGB Percent	86%, 96%, 90%
CMY	0.1412, 0.0353, 0.1020
CMYK	0.11, 0.00, 0.07, 0.04
HSL	142°, 60%, 91%
HSV	142°, 11%, 96%
XYZ	76.3120, 86.6287, 86.8277
YIQ	235.9890, -10.6350, -11.0110

Conversions

Conversions Part 2

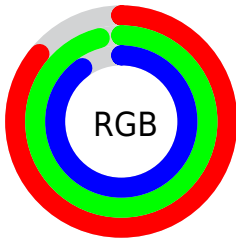
Format	Color
R _Y B	219, 239, 246
Decimal	14415589
CIE Lab	94.58, -11.92, 5.19
CIE LCh	95, 13.004, 156.475
Yxy	86.6287, 0.3055, 0.3468
Android (android.graphics.Color)	4292605669 (0xFFDBF6E5)
YUV	235.9890, -3.4456, -14.8994
Hunter-Lab	93.0746, -16.5279, 9.8416

Details

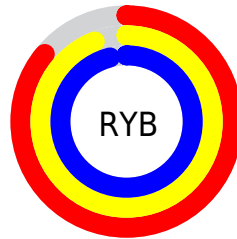
The YUV color $235.9890, -3.4456, -14.8994$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $229.0110, 3.4456, 14.8994$, and the grayscale version is $236.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $180.4020, -3.1562, -14.3846$ is the 20% darker color. If you saturate the color by 10%, you get $226.8040, -6.3124, -28.7691$, and if you desaturate by 10%, it is $245.1740, -0.5788, -1.0296$.

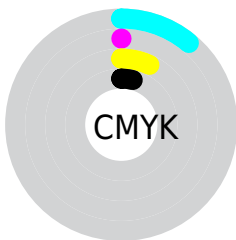
Distribution



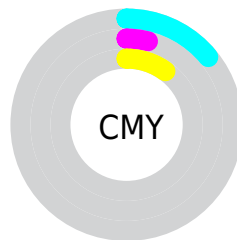
- Red (86%)
- Green (96%)
- Blue (90%)



- Red (86%)
- Yellow (94%)
- Blue (96%)



- Cyan (11%)
- Magenta (0%)
- Yellow (7%)
- Black (4%)



- Cyan (14%)
- Magenta (4%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 235.9890, -3.4456, -14.8994 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 235.9890, -3.4456, -14.8994 by changing the saturation by 10% instead.

■ 235.9890, -3.4456,
-14.8994

■ 235.9890, -3.4456,
-14.8994

255.0000, 0.0000,
0.0000

■ 207.9890, -3.4456,
-14.8994

■ 180.4020, -3.1562,
-14.3846

■ 153.4020, -3.1562,
-14.3846

■ 127.1140, -3.0142,
-13.2550

■ 102.1140, -3.0142,
-13.2550

■ 77.9400, -2.4354,
-12.2254

■ 54.9400, -2.4354,

-12.2254

■ 33.3530, -2.1460,
-11.7106

■ 12.7830, -4.3300,
-11.2107

■ 235.9890, -3.4456,
-14.8994

■ 235.9890, -3.4456,
-14.8994

■ 226.8040, -6.3124,
-28.7691

■ 245.1740, -0.5788,
-1.0296

■ 217.8040, -9.7634,
-41.9241

■ 249.7170, 2.6045,
4.6332

■ 208.6190,
-12.6302, -55.7939

■ 199.6190,
-16.0812, -68.9489

■ 190.4340,
-18.9480, -82.8186

■ 181.1350,
-22.2516, -96.5884

■ 172.2490,
-25.2658, -109.8434

■ 162.9500,
-28.5693, -123.6131

■ 154.7760,
-31.4416, -135.7386

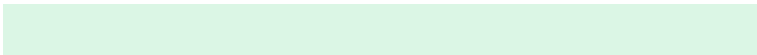
Harmonies

Analogous

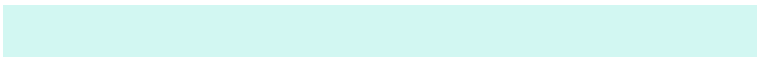
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



237.2740, -9.0091, -3.7483



235.9890, -3.4456, -14.8994



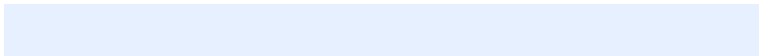
235.3670, 3.2701, -22.2469

Triad

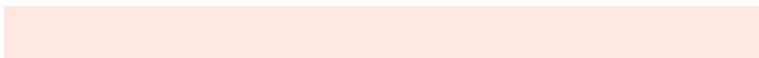
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



235.9890, -3.4456, -14.8994



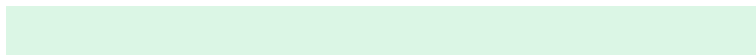
238.7200, 8.0260, -7.6474



238.0790, -6.4479, 14.8397

Complementary

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



235.9890, -3.4456, -14.8994



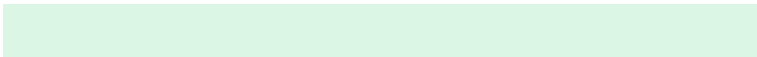
229.0110, 3.4456, 14.8994

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.



238.8600, -0.9170, 14.1548



235.9890, -3.4456, -14.8994



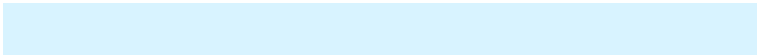
240.2700, 7.2619, 4.1482

Square

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



235.9890, -3.4456, -14.8994



236.2950, 9.2216, -17.7987



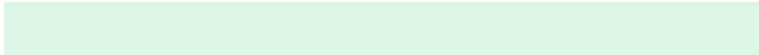
240.9290, 4.4720, 12.3403



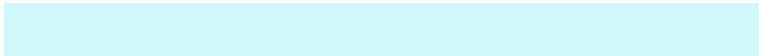
238.9280, -10.8105, 14.0951

Rectangle

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



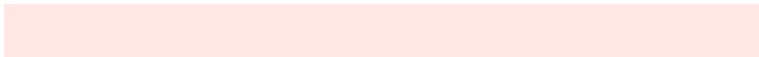
235.9890, -3.4456, -14.8994



235.6810, 7.0593, -24.2762



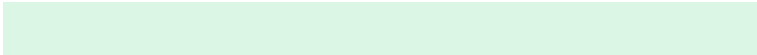
240.9290, 4.4720, 12.3403



237.9480, -4.4114, 14.9546

Sweetspot

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



235.9890, -3.4456, -14.8994



252.0380, -1.0047, -4.4183



239.9320, -10.3195, -3.4484



125.7500, -0.8628, -3.2887



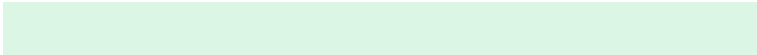
0.0000, 0.0000, 0.0000



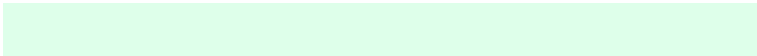
128.0000, 0.0000, 0.0000

Same Dimension

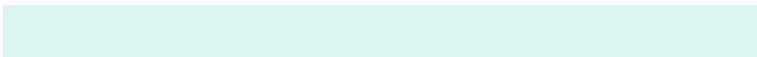
The Same Dimension uses a secret algorithm to generate beautiful new colors.



235.9890, -3.4456, -14.8994



242.7390, -4.3083, -18.1881



237.4710, 2.2328, -16.1991



117.6140, -1.2887, -6.6775



117.0480, -23.6877, -102.6511



37.1410, -7.4645, -32.5727

Inverse Universe

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



229.0110, 3.4456, 14.8994



234.2610, 4.3083, 18.1881



227.5290, -2.2328, 16.1991



114.5000, 1.7255, 6.5775



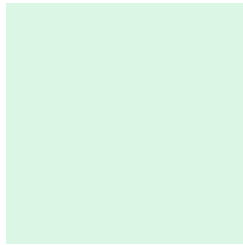
68.9520, 23.6877, 102.6511



21.8590, 7.4645, 32.5727

Previews

White Background



This preview shows how the YUV color 235.9890, -3.4456, -14.8994 looks on a white background.

Color Contrast Check

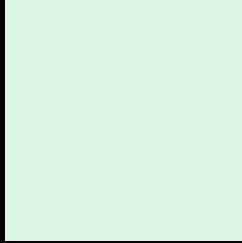
Large Text (above 18pt) WCAG AA × Fail

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 235.9890, -3.4456, -14.8994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

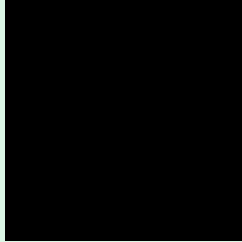
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

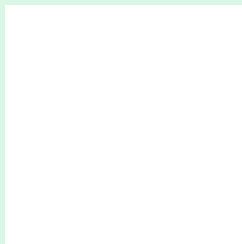
Any Text WCAG AAA ✓ Pass

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

YUV 235.9890, -3.4456, -14.8994 Background



This preview shows how black text looks on a background with the YUV color 235.9890, -3.4456, -14.8994.



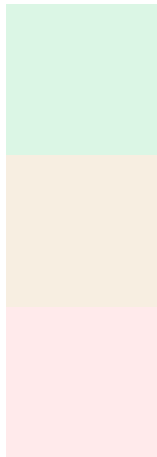
This preview shows how white text looks on a background with the YUV color 235.9890, -3.4456,

-14.8994.

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

235.9890, -3.4456, -14.8994

Protanopia

239.2090, -7.0050, 6.8327

Deuteranopia

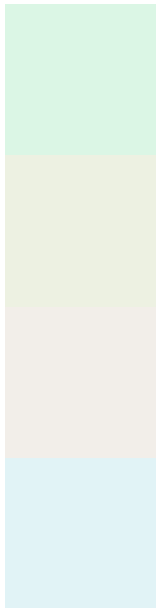
240.3930, -2.6587, 12.8103



Tritanopia

238.7090, 8.0315, -9.3918

Trichromacy



Original Color

235.9890, -3.4456, -14.8994

Protanomaly

238.0940, -5.9623, -0.9594

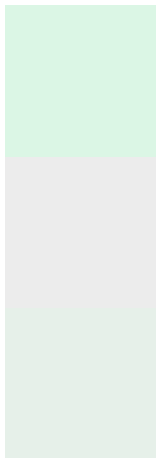
Deuteranomaly

238.6260, -2.7736, 2.9590

Tritanomaly

237.9600, 3.9637, -11.3659

Monochromacy



Original Color

235.9890, -3.4456, -14.8994

Achromatopsia

236.0000, 0.0000, 0.0000

Achromatomaly

236.2120, -1.5835, -5.4479

CSS Examples

Text

The CSS property to change the color of the text to YUV 235.9890, -3.4456, -14.8994 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(219, 246, 229)` looks like.

```
.text, #text, p{  
    color:rgb(219, 246, 229)  
}
```

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(219, 246, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 246, 229) }
```

Border

The CSS property to change the border of an element to YUV 235.9890, -3.4456, -14.8994 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(219, 246, 229) }
```


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

```
.border{ border-color:rgb(219, 246, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 246, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 246, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 246, 229);  
box-shadow:4px 4px 4px 4px rgb(219, 246,  
229) }
```

Background

The CSS property to change the background color of an element to YUV 235.9890, -3.4456, -14.8994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 246, 229) }
```

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

```
.background{ background-color: rgb(219,  
246, 229) }
```

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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