

Converting Colors

YUV(245.3590, -4.6140,
-13.4698)

Have a look what the booklet for
YUV(245.3590, -4.6140, -13.4698)
contains.

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Color

**YUV(245.3590, -4.6140,
-13.4698)**

Conversions

Conversions Part 1

Format	Color
Hex	E6FFEC
RGB	230, 255, 236
RGB Percent	90%, 100%, 93%
CMY	0.0980, 0.0000, 0.0745
CMYK	0.10, 0.00, 0.07, 0.00
HSL	134°, 100%, 95%
HSV	134°, 10%, 100%
XYZ	83.5334, 94.3991, 93.1751
YIQ	245.3590, -8.8010, -11.2090

Conversions

Conversions Part 2

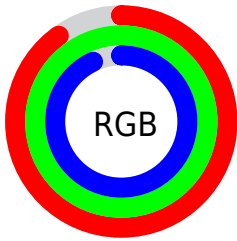
Format	Color
R _{YB}	230, 250, 255
Decimal	15138796
CIE Lab	97.79, -11.55, 6.32
CIE LCh	98, 13.163, 151.330
Yxy	94.3991, 0.3081, 0.3482
Android (android.graphics.Color)	4293328876 (0xFFE6FFEC)
YUV	245.3590, -4.6140, -13.4698
Hunter-Lab	97.1592, -16.5617, 11.1527

Details

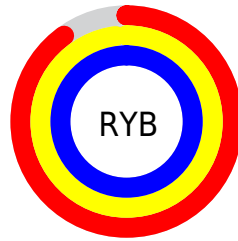
The YUV color $245.3590, -4.6140, -13.4698$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $239.6410, 4.6140, 13.4698$, and the grayscale version is $245.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $188.7720, -4.3246, -12.9550$ is the 20% darker color. If you saturate the color by 10%, you get $235.7180, -9.2280, -26.9397$, and if you desaturate by 10%, it is $255.0000, 0.0000, 0.0000$.

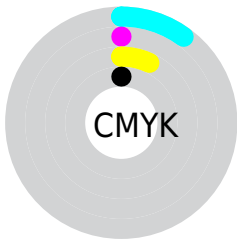
Distribution



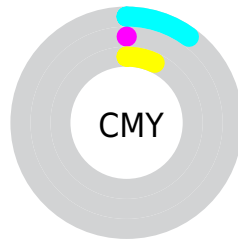
- Red (90%)
- Green (100%)
- Blue (93%)



- Red (90%)
- Yellow (98%)
- Blue (100%)



- Cyan (10%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)



- Cyan (10%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 245.3590, -4.6140, -13.4698 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 245.3590, -4.6140, -13.4698 by changing the saturation by 10% instead.

 245.3590, -4.6140,
-13.4698


 245.3590, -4.6140,
-13.4698


255.0000, 0.0000,
0.0000


 216.7720, -4.3246,
-12.9550

 188.7720, -4.3246,
-12.9550

 162.0710, -4.4720,
-12.3403

 135.4840, -4.1826,
-11.8255

 110.4840, -4.1826,
-11.8255

 85.8970, -3.8932,
-11.3107

 62.4240, -3.1670,

-10.8958

■ 40.4240, -3.1670,
-10.8958

■ 19.0110, -3.4564,
-11.4106

■ 245.3590, -4.6140,
-13.4698

■ 245.3590, -4.6140,
-13.4698

■ 235.7180, -9.2280,
-26.9397

255.0000, 0.0000,
0.0000

■ 225.6640,
-14.1314, -40.9243

■ 216.0230,
-18.7453, -54.3942

■ 205.9690,
-23.6487, -68.3788

■ 196.3280,
-28.2627, -81.8487

■ 186.3880,
-32.7293, -95.9333

■ 176.6330,
-37.7801, -109.3031

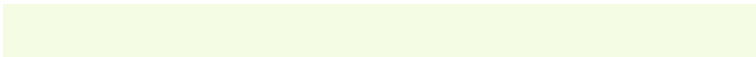
■ 166.6930,
-42.2466, -123.3878

■ 157.0520,
-46.8606, -136.8576

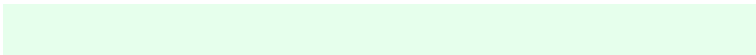
Harmonies

Analogous

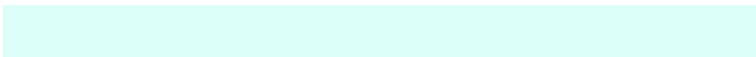
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



246.7580, -9.7407, -2.4188



245.3590, -4.6140, -13.4698



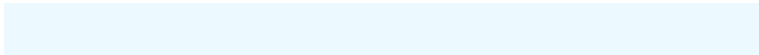
243.8510, 2.5385, -20.9173

Triad

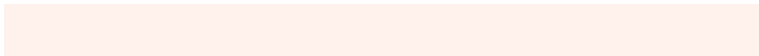
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



245.3590, -4.6140, -13.4698



245.7970, 4.5371, -8.5920



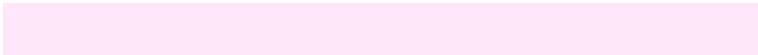
244.6160, -4.2477, 9.1068

Complementary

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



245.3590, -4.6140, -13.4698



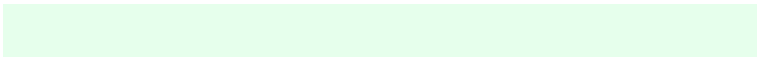
239.6410, 4.6140, 13.4698

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.



245.3970, 1.2833, 8.4218



245.3590, -4.6140, -13.4698



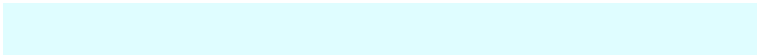
248.2330, 3.3361, 3.3037

Square

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



245.3590, -4.6140, -13.4698



244.2580, 5.2958, -18.6433



247.3690, 3.7621, 6.6924



245.3510, -9.0470, 8.4622

Rectangle

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



245.3590, -4.6140, -13.4698



243.6380, 5.6015, -23.3615



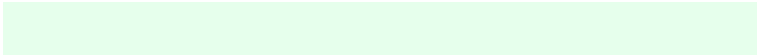
247.3690, 3.7621, 6.6924



244.4850, -2.2111, 9.2217

Sweetspot

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



245.3590, -4.6140, -13.4698



251.9240, -1.4415, -4.3183



250.3560, -10.0355, -1.1892



125.7500, -0.8628, -3.2887



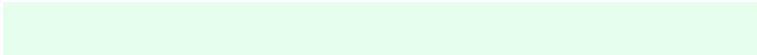
0.0000, 0.0000, 0.0000



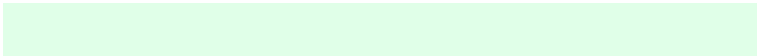
128.0000, 0.0000, 0.0000

Same Dimension

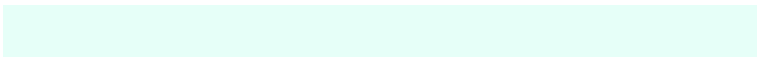
The Same Dimension uses a secret algorithm to generate beautiful new colors.



245.3590, -4.6140, -13.4698



243.1090, -5.4767, -16.7586



246.7270, 0.6276, -14.6696



122.9730, -2.4517, -6.9923



117.3610, -35.1810, -102.9256



39.2780, -11.9691, -34.4468

Inverse Universe

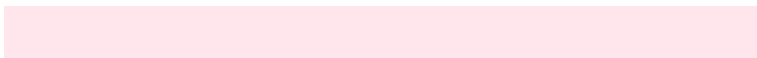
The Inverse Universe completely reimagines the original color for something new.



239.6410, 4.6140, 13.4698



236.0050, 5.9135, 16.6586



238.2730, -0.6276, 14.6696



119.9130, 2.0149, 7.0923



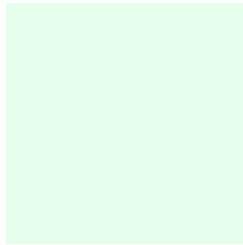
73.6390, 35.1810, 102.9256



24.6080, 11.5323, 34.5468

Previews

White Background



This preview shows how the YUV color 245.3590, -4.6140, -13.4698 looks on a white background.

Color Contrast Check

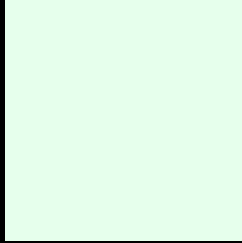
Large Text (above 18pt) WCAG AA × Fail

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 245.3590, -4.6140, -13.4698 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

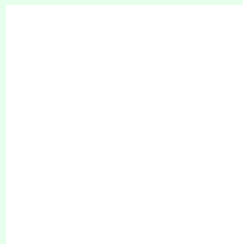
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 245.3590, -4.6140, -13.4698

Background



This preview shows how black text looks on a background with the YUV color 245.3590, -4.6140, -13.4698.



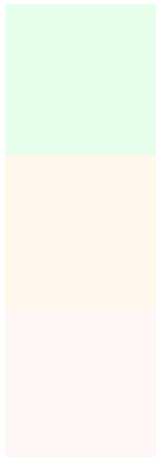
This preview shows how white text looks on a background with the YUV color 245.3590, -4.6140,

-13.4698.

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

245.3590, -4.6140, -13.4698

Protanopia

248.6110, -6.7102, 5.6032

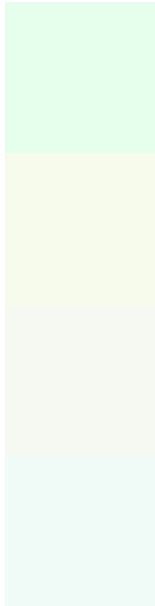
Deuteranopia

248.6910, -1.3267, 5.5330

Tritanopia

248.4880, 3.2104, -3.0590

Trichromacy



Original Color

245.3590, -4.6140, -13.4698

Protanomaly

247.6810, -6.2517, -1.4742

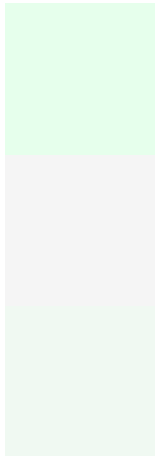
Deuteranomaly

247.3050, -2.6154, -1.1445

Tritanomaly

247.3690, 0.3111, -6.4626

Monochromacy



Original Color

245.3590, -4.6140, -13.4698

Achromatopsia

245.0000, 0.0000, 0.0000

Achromatomaly

245.5110, -1.7309, -4.8331

CSS Examples

Text

The CSS property to change the color of the text to YUV 245.3590, -4.6140, -13.4698 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(230, 255, 236)` looks like.

```
.text, #text, p{  
    color:rgb(230, 255, 236)  
}
```

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(230, 255, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 255, 236) }
```

Border

The CSS property to change the border of an element to YUV 245.3590, -4.6140, -13.4698 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(230, 255, 236) }
```


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

```
.border{ border-color:rgb(230, 255, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 255, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 255, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 255, 236);  
box-shadow:4px 4px 4px 4px rgb(230, 255,  
236) }
```

Background

The CSS property to change the background color of an element to YUV 245.3590, -4.6140, -13.4698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 255, 236) }
```

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

```
.background{ background-color: rgb(230,  
255, 236) }
```

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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