

Converting Colors

YUV(245.4990, -0.2460,
-14.4696)

Have a look what the booklet for
YUV(245.4990, -0.2460, -14.4696)
contains.

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Color

**YUV(245.4990, -0.2460,
-14.4696)**

Conversions

Conversions Part 1

Format	Color
Hex	E5FEF5
RGB	229, 254, 245
RGB Percent	90%, 100%, 96%
CMY	0.1020, 0.0039, 0.0392
CMYK	0.10, 0.00, 0.04, 0.00
HSL	158°, 93%, 95%
HSV	158°, 10%, 100%
XYZ	84.2363, 94.1342, 100.1162
YIQ	245.4990, -12.0110, -8.0990

Conversions

Conversions Part 2

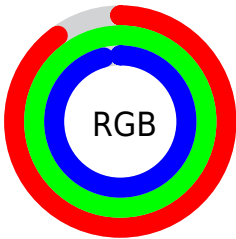
Format	Color
R _Y B	229, 244, 254
Decimal	15073013
CIE Lab	97.69, -9.75, 1.53
CIE LCh	98, 9.870, 171.088
Yxy	94.1342, 0.3025, 0.3380
Android (android.graphics.Color)	4293263093 (0xFFE5FEF5)
YUV	245.4990, -0.2460, -14.4696
Hunter-Lab	97.0228, -14.8140, 6.7356

Details

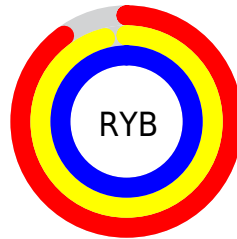
The YUV color $245.4990, -0.2460, -14.4696$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $237.5010, 0.2460, 14.4696$, and the grayscale version is $246.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $188.9120, 0.0434, -13.9548$ is the 20% darker color. If you saturate the color by 10%, you get $236.9980, -0.4920, -28.9392$, and if you desaturate by 10%, it is $254.0000, 0.0000, 0.0000$.

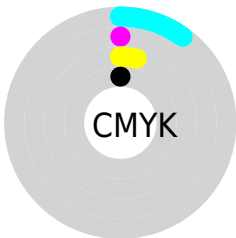
Distribution



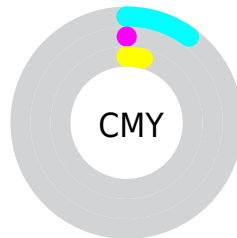
- Red (90%)
- Green (100%)
- Blue (96%)



- Red (90%)
- Yellow (96%)
- Blue (100%)



- Cyan (10%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)



- Cyan (10%)
- Magenta (0%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 245.4990, -0.2460, -14.4696 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 245.4990, -0.2460, -14.4696 by changing the saturation by 10% instead.


 245.4990, -0.2460,
-14.4696


 245.4990, -0.2460,
-14.4696

255.0000, 0.0000,
0.0000


 216.9120, 0.0434,
-13.9548

 188.9120, 0.0434,
-13.9548

 162.2110, -0.1040,
-13.3400

 136.2110, -0.1040,
-13.3400

 110.5100, -0.2514,
-12.7253

 85.9230, 0.0380,
-12.2105

 62.9230, 0.0380,

-12.2105

■ 40.6350, 0.1799,
-11.0809

■ 19.4390, 0.7696,
-13.5400

■ 245.4990, -0.2460,
-14.4696

■ 245.4990, -0.2460,
-14.4696

■ 236.9980, -0.4920,
-28.9392

254.0000, 0.0000,
0.0000

■ 228.1980, -0.5906,
-44.0236

254.4130, 0.2894,
0.5148

■ 219.6970, -0.8366,
-58.4933

■ 210.7830, -1.3720,
-73.4777

■ 202.2820, -1.6180,
-87.9473

■ 193.7810, -1.8640,
-102.4169

■ 184.9810, -1.9626,
-117.5013

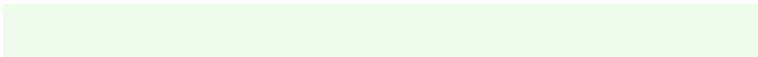
■ 176.4800, -2.2086,
-131.9710

■ 167.6800, -2.3072,
-147.0554

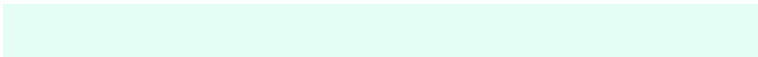
Harmonies

Analogous

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



245.9900, -4.9251, -7.0072



245.4990, -0.2460, -14.4696



245.4430, 4.7116, -17.9285

Triad

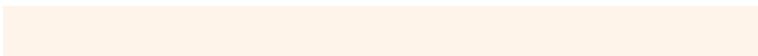
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



245.4990, -0.2460, -14.4696



247.9120, 3.4944, -0.7998



246.1490, -5.9895, 7.7623

Complementary

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



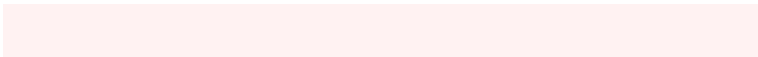
245.4990, -0.2460, -14.4696



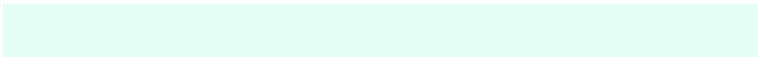
237.5010, 0.2460, 14.4696

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.



245.8870, -1.9163, 7.9921



245.4990, -0.2460, -14.4696



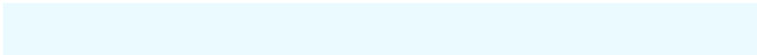
248.5430, 3.1833, 5.6628

Square

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



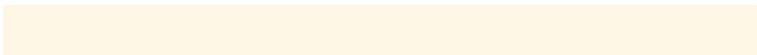
245.4990, -0.2460, -14.4696



246.0850, 4.3951, -9.7215



247.0270, 2.4517, 6.9923



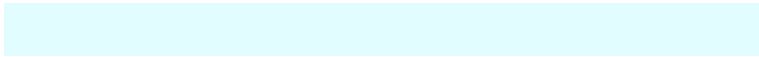
247.4540, -8.6048, 6.6178

Rectangle

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



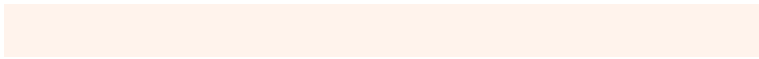
245.4990, -0.2460, -14.4696



245.1550, 4.8536, -16.7989



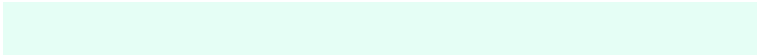
247.0270, 2.4517, 6.9923



245.7900, -4.8265, 8.0772

Sweetspot

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



245.4990, -0.2460, -14.4696



252.2660, -0.1311, -4.6183



246.3660, -8.5614, -7.3370



125.9780, 0.0108, -3.4887



0.0000, 0.0000, 0.0000



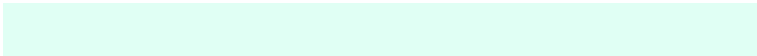
128.0000, 0.0000, 0.0000

Same Dimension

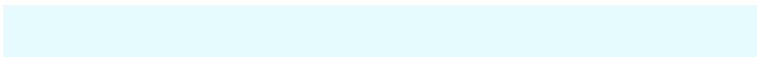
The Same Dimension uses a secret algorithm to generate beautiful new colors.



245.4990, -0.2460, -14.4696



244.4770, -0.2352, -17.9583



244.7640, 4.5533, -13.8250



123.5430, -0.2677, -7.4922



126.0250, -1.9843, -110.5239



42.2420, -0.6123, -37.0462

Inverse Universe

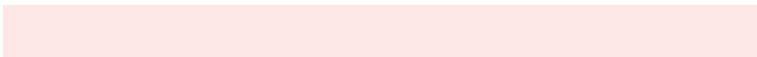
The Inverse Universe completely reimagines the original color for something new.



237.5010, 0.2460, 14.4696



234.5230, 0.2352, 17.9583



238.2360, -4.5533, 13.8250



119.3430, -0.1691, 7.5922



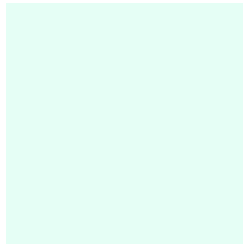
64.9750, 1.9843, 110.5239



21.7580, 0.6123, 37.0462

Previews

White Background



This preview shows how the YUV color 245.4990, -0.2460, -14.4696 looks on a white background.

Color Contrast Check

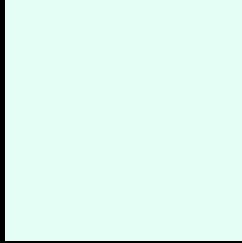
Large Text (above 18pt) WCAG AA × Fail

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 245.4990, -0.2460, -14.4696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

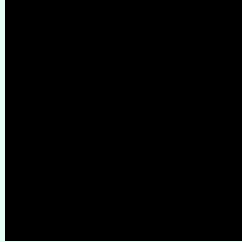
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

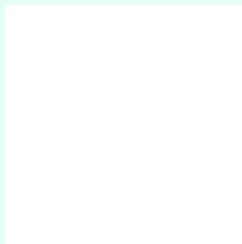
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 245.4990, -0.2460, -14.4696

Background



This preview shows how black text looks on a background with the YUV color 245.4990, -0.2460, -14.4696.



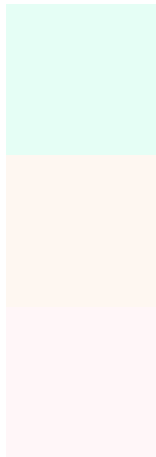
This preview shows how white text looks on a background with the YUV color 245.4990, -0.2460,

-14.4696.

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

245.4990, -0.2460, -14.4696

Protanopia

248.4090, -3.6526, 4.9033

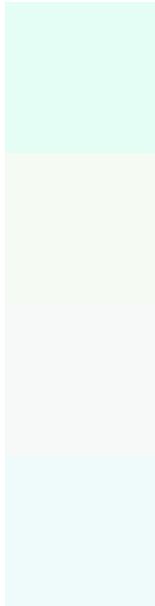
Deuteranopia

248.9190, -0.4531, 5.3330

Tritanopia

248.1890, 3.3578, -3.6738

Trichromacy



Original Color

245.4990, -0.2460, -14.4696

Protanomaly

247.5930, -2.7573, -2.2741

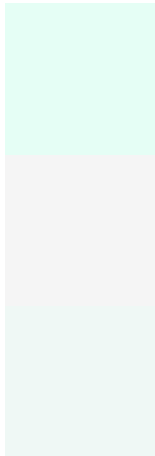
Deuteranomaly

247.8750, -0.4314, -1.6444

Tritanomaly

247.4120, 1.7689, -7.3773

Monochromacy



Original Color

245.4990, -0.2460, -14.4696

Achromatopsia

245.0000, 0.0000, 0.0000

Achromatomaly

244.9670, 0.0163, -5.2331

CSS Examples

Text

The CSS property to change the color of the text to YUV 245.4990, -0.2460, -14.4696 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(229, 254, 245)` looks like.

```
.text, #text, p{  
    color:rgb(229, 254, 245)  
}
```

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(229, 254, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 254, 245) }
```

Border

The CSS property to change the border of an element to YUV 245.4990, -0.2460, -14.4696 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(229, 254, 245) }
```


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

```
.border{ border-color:rgb(229, 254, 245) }
```

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

Here you see how a box with a 4 pixel rgb(229, 254, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 254, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 254, 245);  
box-shadow:4px 4px 4px 4px rgb(229, 254,  
245) }
```

Background

The CSS property to change the background color of an element to YUV 245.4990, -0.2460, -14.4696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 254, 245) }
```

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

```
.background{ background-color: rgb(229,  
254, 245) }
```

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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