

Converting Colors

YUV(245.9290, -2.4300,
-13.9697)

Have a look what the booklet for
YUV(245.9290, -2.4300, -13.9697)
contains.

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Color

**YUV(245.9290, -2.4300,
-13.9697)**

Conversions

Conversions Part 1

Format	Color
Hex	E6FFF1
RGB	230, 255, 241
RGB Percent	90%, 100%, 95%
CMY	0.0980, 0.0000, 0.0549
CMYK	0.10, 0.00, 0.05, 0.00
HSL	146°, 100%, 95%
HSV	146°, 10%, 100%
XYZ	84.2703, 94.6939, 97.0553
YIQ	245.9290, -10.4060, -9.6540

Conversions

Conversions Part 2

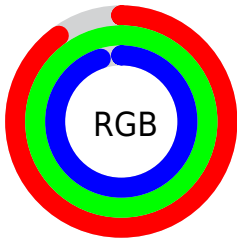
Format	Color
R _{YB}	230, 247, 255
Decimal	15138801
CIE _{Lab}	97.91, -10.66, 3.92
CIE _{LCh}	98, 11.353, 159.805
Y _{xy}	94.6939, 0.3053, 0.3431
Android (android.graphics.Color)	4293328881 (0xFFE6FFF1)
Y _{UV}	245.9290, -2.4300, -13.9697
Hunter-Lab	97.3108, -15.7144, 8.9832

Details

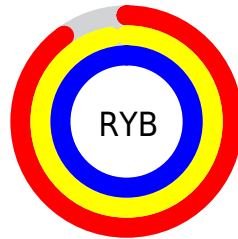
The YUV color $245.9290, -2.4300, -13.9697$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $239.0710, 2.4300, 13.9697$, and the grayscale version is $246.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $189.3420, -2.1406, -13.4549$ is the 20% darker color. If you saturate the color by 10%, you get $236.8580, -4.8600, -27.9395$, and if you desaturate by 10%, it is $255.0000, 0.0000, 0.0000$.

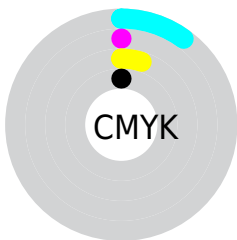
Distribution



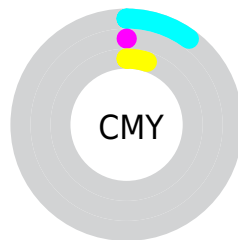
- Red (90%)
- Green (100%)
- Blue (95%)



- Red (90%)
- Yellow (97%)
- Blue (100%)



- Cyan (10%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)



- Cyan (10%)
- Magenta (0%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 245.9290, -2.4300, -13.9697 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 245.9290, -2.4300, -13.9697 by changing the saturation by 10% instead.

 245.9290, -2.4300,
-13.9697

 245.9290, -2.4300,
-13.9697


255.0000, 0.0000,
0.0000


 217.3420, -2.1406,
-13.4549

 189.3420, -2.1406,
-13.4549

 162.6410, -2.2880,
-12.8402

 136.0540, -1.9986,
-12.3254

 111.0540, -1.9986,
-12.3254

 86.4670, -1.7092,
-11.8106

 62.8800, -1.4198,

-11.2958

■ 40.8800, -1.4198,
-11.2958

■ 19.5810, -1.2724,
-11.9105

■ 245.9290, -2.4300,
-13.9697

■ 245.9290, -2.4300,
-13.9697

■ 236.8580, -4.8600,
-27.9395

255.0000, 0.0000,
0.0000

■ 227.3740, -7.5794,
-42.4240

■ 218.3030,
-10.0094, -56.3937

■ 208.9330,
-12.2920, -70.9782

■ 199.8620,
-14.7220, -84.9480

■ 190.3780,
-17.4414, -99.4325

■ 181.3070,
-19.8714, -113.4022

■ 171.9370,
-22.1539, -127.9867

■ 162.7520,
-25.0207, -141.8565

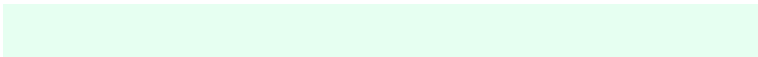
Harmonies

Analogous

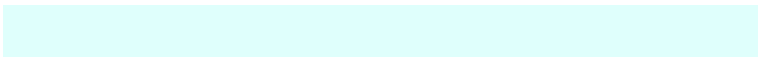
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



247.3170, -7.5513, -4.6630



245.9290, -2.4300, -13.9697



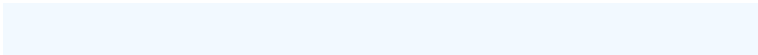
245.0900, 3.4066, -19.3729

Triad

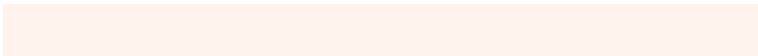
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



245.9290, -2.4300, -13.9697



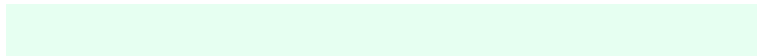
247.5910, 3.6526, -4.9033



245.6760, -5.2633, 8.1771

Complementary

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



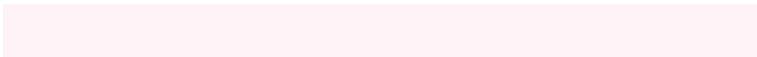
245.9290, -2.4300, -13.9697



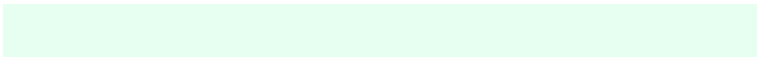
239.0710, 2.4300, 13.9697

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.



246.3430, -0.1691, 7.5922



245.9290, -2.4300, -13.9697



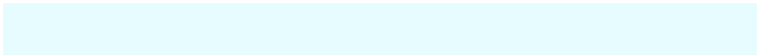
249.1300, 2.8939, 5.1480

Square

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



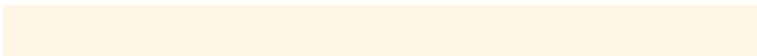
245.9290, -2.4300, -13.9697



245.7640, 4.5533, -13.8250



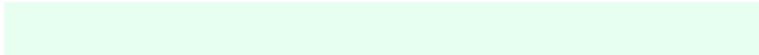
247.3690, 3.7621, 6.6924



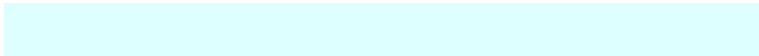
246.7530, -8.7522, 7.2326

Rectangle

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



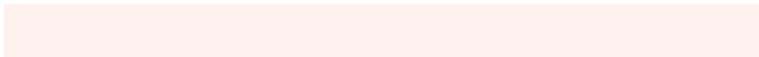
245.9290, -2.4300, -13.9697



245.1330, 4.8644, -20.2876



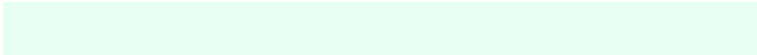
247.3690, 3.7621, 6.6924



245.4310, -3.6635, 8.3920

Sweetspot

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



245.9290, -2.4300, -13.9697



252.1520, -0.5679, -4.5183



248.8610, -9.2985, -4.2631



125.8640, -0.4260, -3.3887



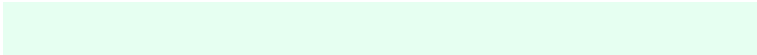
0.0000, 0.0000, 0.0000



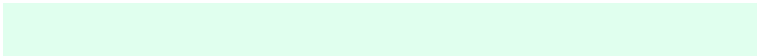
128.0000, 0.0000, 0.0000

Same Dimension

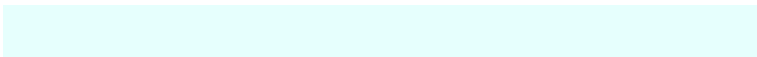
The Same Dimension uses a secret algorithm to generate beautiful new colors.



245.9290, -2.4300, -13.9697



243.7930, -2.8559, -17.3585



247.2970, 2.8116, -15.1695



123.2010, -1.5781, -7.1923



121.6930, -18.5826, -106.7248



40.7600, -6.2907, -35.7465

Inverse Universe

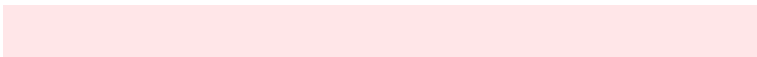
The Inverse Universe completely reimagines the original color for something new.



239.0710, 2.4300, 13.9697



235.3210, 3.2927, 17.2585



237.7030, -2.8116, 15.1695



119.6850, 1.1413, 7.2923



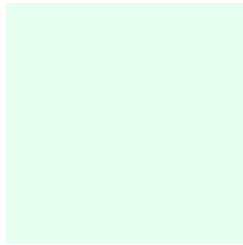
69.3070, 18.5826, 106.7248



23.2400, 6.2907, 35.7465

Previews

White Background



This preview shows how the YUV color 245.9290, -2.4300, -13.9697 looks on a white background.

Color Contrast Check

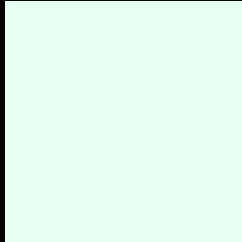
Large Text (above 18pt) WCAG AA × Fail

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 245.9290, -2.4300, -13.9697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

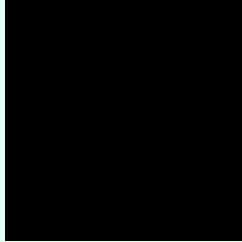
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

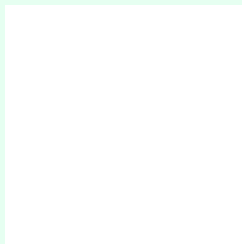
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 245.9290, -2.4300, -13.9697

Background



This preview shows how black text looks on a background with the YUV color 245.9290, -2.4300, -13.9697.



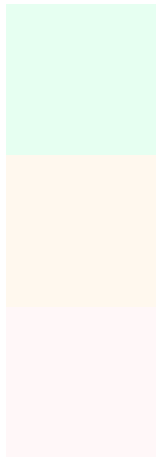
This preview shows how white text looks on a background with the YUV color 245.9290, -2.4300, -13.9697.

-13.9697.

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

245.9290, -2.4300, -13.9697

Protanopia

248.9530, -5.3998, 5.3032

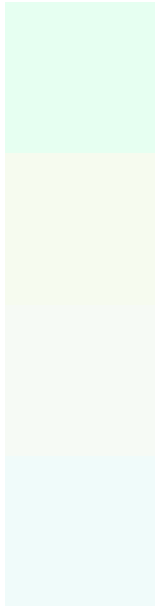
Deuteranopia

249.5060, -0.7425, 4.8182

Tritanopia

248.4880, 3.2104, -3.0590

Trichromacy



Original Color

245.9290, -2.4300, -13.9697

Protanomaly

248.1370, -4.5045, -1.8741

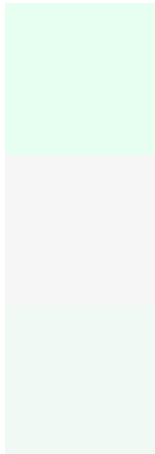
Deuteranomaly

248.2340, -1.5944, -1.9592

Tritanomaly

247.5970, 1.1847, -6.6626

Monochromacy



Original Color

245.9290, -2.4300, -13.9697

Achromatopsia

246.0000, 0.0000, 0.0000

Achromatomaly

245.7390, -0.8573, -5.0331

CSS Examples

Text

The CSS property to change the color of the text to YUV 245.9290, -2.4300, -13.9697 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, 241)` looks like.

```
.text, #text, p{  
    color:rgb(230, 255, 241)  
}
```

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, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 255, 241) }
```

Border

The CSS property to change the border of an element to YUV 245.9290, -2.4300, -13.9697 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, 241) }
```


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

```
.border{ border-color:rgb(230, 255, 241) }
```

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, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 255, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 255, 241);  
box-shadow:4px 4px 4px 4px rgb(230, 255,  
241) }
```

Background

The CSS property to change the background color of an element to YUV 245.9290, -2.4300, -13.9697 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, 241) }
```

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

```
.background{ background-color: rgb(230,  
255, 241) }
```

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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