

Converting Colors

YUV(245.2450, -5.0508,
-13.3699)

Have a look what the booklet for
YUV(245.2450, -5.0508, -13.3699)
contains.

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Color

**YUV(245.2450, -5.0508,
-13.3699)**

Conversions

Conversions Part 1

Format	Color
Hex	E6FFEB
RGB	230, 255, 235
RGB Percent	90%, 100%, 92%
CMY	0.0980, 0.0000, 0.0784
CMYK	0.10, 0.00, 0.08, 0.00
HSL	132°, 100%, 95%
HSV	132°, 10%, 100%
XYZ	83.3885, 94.3412, 92.4119
YIQ	245.2450, -8.4800, -11.5200

Conversions

Conversions Part 2

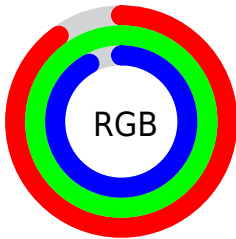
Format	Color
R _Y B	230, 251, 255
Decimal	15138795
CIE Lab	97.77, -11.73, 6.79
CIE LCh	98, 13.553, 149.909
Yxy	94.3412, 0.3087, 0.3492
Android (android.graphics.Color)	4293328875 (0xFFE6FFEB)
YUV	245.2450, -5.0508, -13.3699
Hunter-Lab	97.1294, -16.7287, 11.5802

Details

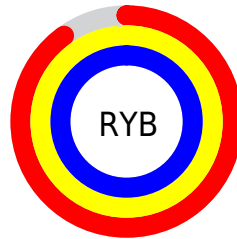
The YUV color $245.2450, -5.0508, -13.3699$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $239.7550, 5.0508, 13.3699$, and the grayscale version is $245.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $188.6580, -4.7614, -12.8551$ is the 20% darker color. If you saturate the color by 10%, you get $235.4900, -10.1016, -26.7397$, and if you desaturate by 10%, it is $255.0000, 0.0000, 0.0000$.

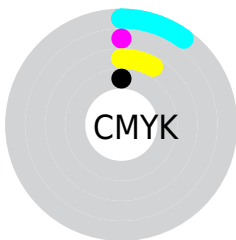
Distribution



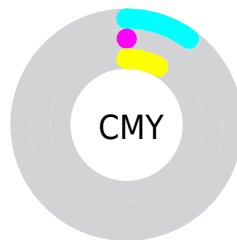
- Red (90%)
- Green (100%)
- Blue (92%)



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



- Cyan (10%)
- Magenta (0%)
- Yellow (8%)
- Black (0%)



- Cyan (10%)
- Magenta (0%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 245.2450, -5.0508, -13.3699 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 245.2450, -5.0508, -13.3699 by changing the saturation by 10% instead.

 245.2450, -5.0508,
-13.3699


 245.2450, -5.0508,
-13.3699


255.0000, 0.0000,
0.0000

 216.6580, -4.7614,
-12.8551

 188.6580, -4.7614,
-12.8551

 162.0710, -4.4720,
-12.3403

 135.4840, -4.1826,
-11.8255

 110.4840, -4.1826,
-11.8255

 85.8970, -3.8932,
-11.3107

 62.3100, -3.6038,

-10.7959

■ 40.3100, -3.6038,
-10.7959

■ 18.8970, -3.8932,
-11.3107

■ 245.2450, -5.0508,
-13.3699

■ 245.2450, -5.0508,
-13.3699

■ 235.4900,
-10.1016, -26.7397

255.0000, 0.0000,
0.0000

■ 225.3220,
-15.4417, -40.6244

■ 215.5670,
-20.4925, -53.9943

■ 205.3990,
-25.8327, -67.8789

■ 195.6440,
-30.8835, -81.2488

■ 185.5900,
-35.7869, -95.2334

■ 175.7210,
-41.2745, -108.5033

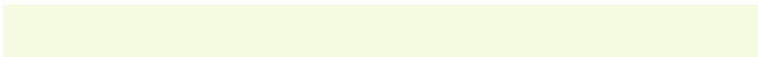
■ 165.6670,
-46.1778, -122.4880

■ 155.7980,
-51.6654, -135.7578

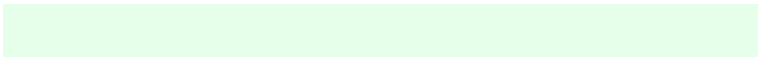
Harmonies

Analogous

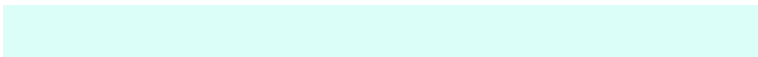
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



246.9430, -10.3249, -1.7040



245.2450, -5.0508, -13.3699



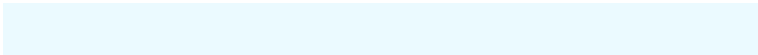
243.4380, 2.2491, -21.4321

Triad

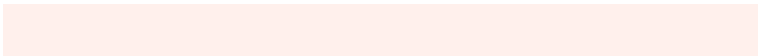
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



245.2450, -5.0508, -13.3699



246.0850, 4.3951, -9.7215



244.0290, -3.9583, 9.6216

Complementary

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



245.2450, -5.0508, -13.3699



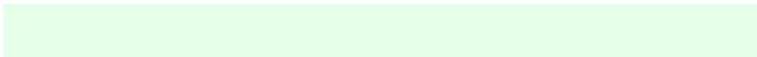
239.7550, 5.0508, 13.3699

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.



245.5110, 1.7201, 8.3219



245.2450, -5.0508, -13.3699



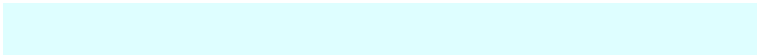
247.9340, 3.4835, 2.6889

Square

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



245.2450, -5.0508, -13.3699



244.5460, 5.1538, -19.7728



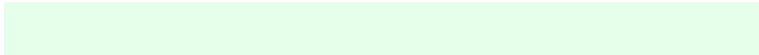
247.3690, 3.7621, 6.6924



244.6500, -9.1944, 9.0770

Rectangle

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



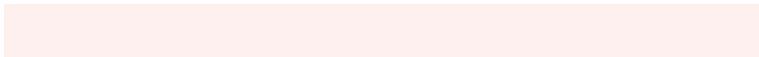
245.2450, -5.0508, -13.3699



243.3390, 5.7489, -23.9763



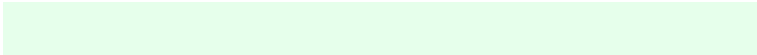
247.3690, 3.7621, 6.6924



244.4850, -2.2111, 9.2217

Sweetspot

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



245.2450, -5.0508, -13.3699



251.9240, -1.4415, -4.3183



250.6550, -10.1829, -0.5744



125.6360, -1.2995, -3.1888



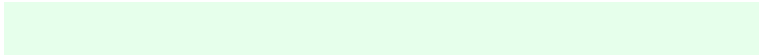
0.0000, 0.0000, 0.0000



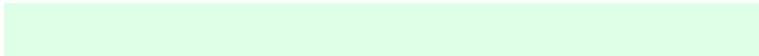
128.0000, 0.0000, 0.0000

Same Dimension

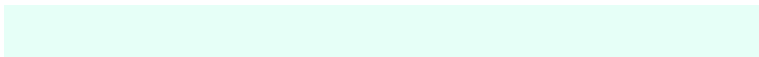
The Same Dimension uses a secret algorithm to generate beautiful new colors.



245.2450, -5.0508, -13.3699



242.9950, -5.9135, -16.6586



246.6130, 0.1908, -14.5696



122.8590, -2.8885, -6.8923



116.4490, -38.6754, -102.1258



39.0500, -12.8426, -34.2468

Inverse Universe

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



239.7550, 5.0508, 13.3699



236.1190, 6.3503, 16.5586



238.3870, -0.1908, 14.5696



120.0270, 2.4517, 6.9923



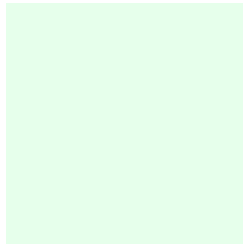
74.5510, 38.6754, 102.1258



24.9500, 12.8427, 34.2468

Previews

White Background



This preview shows how the YUV color 245.2450, -5.0508, -13.3699 looks on a white background.

Color Contrast Check

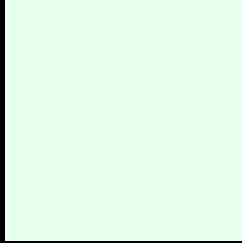
Large Text (above 18pt) WCAG AA × Fail

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 245.2450, -5.0508, -13.3699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

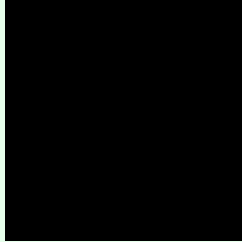
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

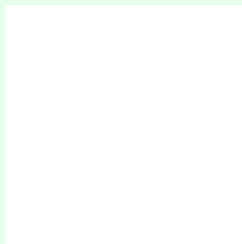
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 245.2450, -5.0508, -13.3699

Background



This preview shows how black text looks on a background with the YUV color 245.2450, -5.0508, -13.3699.



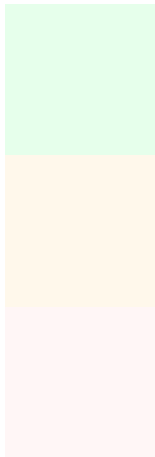
This preview shows how white text looks on a background with the YUV color 245.2450, -5.0508, -13.3699.

-13.3699.

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

245.2450, -5.0508, -13.3699

Protanopia

248.6110, -6.7102, 5.6032

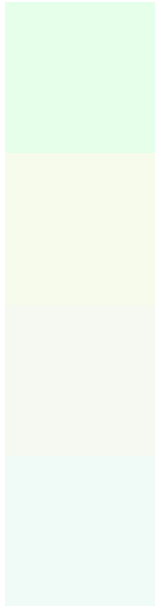
Deuteranopia

248.6910, -1.3267, 5.5330

Tritanopia

248.4880, 3.2104, -3.0590

Trichromacy



Original Color

245.2450, -5.0508, -13.3699

Protanomaly

247.6810, -6.2517, -1.4742

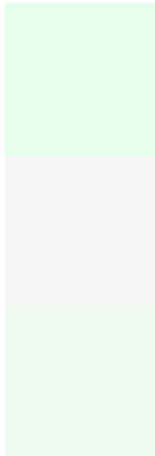
Deuteranomaly

247.3050, -2.6154, -1.1445

Tritanomaly

247.3690, 0.3111, -6.4626

Monochromacy



Original Color

245.2450, -5.0508, -13.3699

Achromatopsia

245.0000, 0.0000, 0.0000

Achromatomaly

245.3970, -2.1677, -4.7332

CSS Examples

Text

The CSS property to change the color of the text to YUV 245.2450, -5.0508, -13.3699 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, 235)` looks like.

```
.text, #text, p{  
    color:rgb(230, 255, 235)  
}
```

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, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 255, 235) }
```

Border

The CSS property to change the border of an element to YUV 245.2450, -5.0508, -13.3699 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, 235) }
```


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

```
.border{ border-color:rgb(230, 255, 235) }
```

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, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 255, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 255, 235);  
box-shadow:4px 4px 4px 4px rgb(230, 255,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 245.2450, -5.0508, -13.3699 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, 235) }
```

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

```
.background{ background-color: rgb(230,  
255, 235) }
```

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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