

Converting Colors

YUV(249.4610, 0.7587,
-10.0513)

Have a look what the booklet for
YUV(249.4610, 0.7587, -10.0513)
contains.

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Color

**YUV(249.4610, 0.7587,
-10.0513)**

Conversions

Conversions Part 1

Format	Color
Hex	EEFFFB
RGB	238, 255, 251
RGB Percent	93%, 100%, 98%
CMY	0.0667, 0.0000, 0.0157
CMYK	0.07, 0.00, 0.02, 0.00
HSL	166°, 100%, 97%
HSV	166°, 7%, 100%
XYZ	88.4325, 96.6622, 105.2636
YIQ	249.4610, -8.8480, -4.8480

Conversions

Conversions Part 2

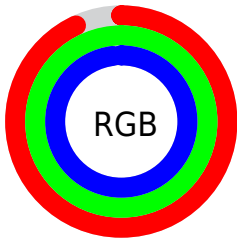
Format	Color
R _Y B	238, 248, 255
Decimal	15663099
CIE Lab	98.69, -6.25, -0.01
CIE LCh	99, 6.253, 180.085
Yxy	96.6622, 0.3046, 0.3329
Android (android.graphics.Color)	4293853179 (0xFFEEFFFB)
YUV	249.4610, 0.7587, -10.0513
Hunter-Lab	98.3169, -11.5004, 5.3427

Details

The YUV color $249.4610, 0.7587, -10.0513$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $243.5390, -0.7587, 10.0513$, and the grayscale version is $249.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $192.8740, 1.0481, -9.5365$ is the 20% darker color. If you saturate the color by 10%, you get $241.3020, 1.8231, -24.8209$, and if you desaturate by 10%, it is $255.0000, 0.0000, 0.0000$.

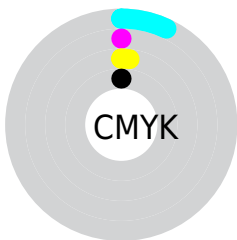
Distribution



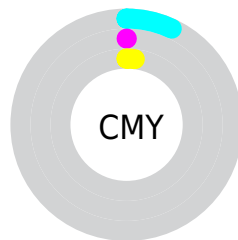
- Red (93%)
- Green (100%)
- Blue (98%)



- Red (93%)
- Yellow (97%)
- Blue (100%)



- Cyan (7%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)




- Cyan (7%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the YUV color 249.4610, 0.7587, -10.0513 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 249.4610, 0.7587, -10.0513 by changing the saturation by 10% instead.


 249.4610, 0.7587,
-10.0513

 249.4610, 0.7587,
-10.0513


255.0000, 0.0000,
0.0000

 220.7600, 0.6113,
-9.4365

 192.8740, 1.0481,
-9.5365

 165.7600, 0.6113,
-9.4365

 139.7600, 0.6113,
-9.4365

 114.0590, 0.4639,
-8.8217

 89.4720, 0.7533,
-8.3069

 66.3580, 0.3165,

-8.2070

■ 43.7710, 0.6059,
-7.6922

■ 23.1840, 0.8953,
-7.1774

■ 249.4610, 0.7587,
-10.0513

■ 249.4610, 0.7587,
-10.0513

■ 241.3020, 1.8231,
-24.8209

255.0000, 0.0000,
0.0000

■ 232.8440, 3.0349,
-40.2052

■ 224.6850, 4.0993,
-54.9747

■ 216.2270, 5.3111,
-70.3591

■ 208.0680, 6.3755,
-85.1286

■ 199.6100, 7.5873,
-100.5130

■ 191.1520, 8.7991,
-115.8973

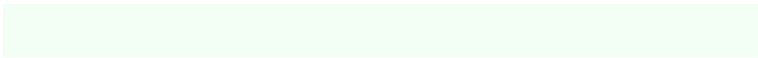
■ 182.9930, 9.8635,
-130.6669

■ 174.5350, 11.0752,
-146.0512

Harmonies

Analogous

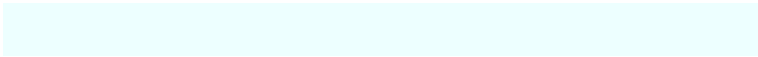
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



249.6850, -2.3097, -5.8627



249.4610, 0.7587, -10.0513



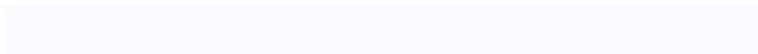
249.6180, 2.6533, -11.0660

Triad

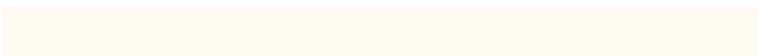
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



249.4610, 0.7587, -10.0513



251.4670, 1.7418, 1.3444



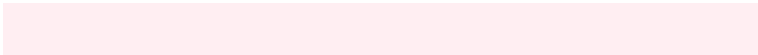
249.8820, -4.3788, 4.4885

Complementary

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



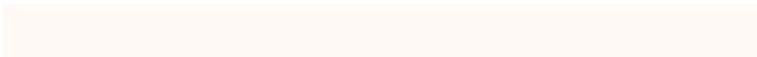
249.4610, 0.7587, -10.0513



243.5390, -0.7587, 10.0513

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.



249.7510, -2.3422, 4.6034



249.4610, 0.7587, -10.0513



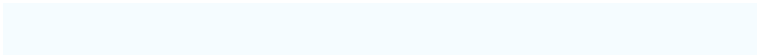
250.8910, 2.0257, 3.6036

Square

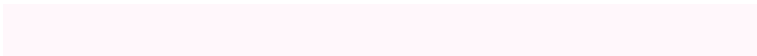
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



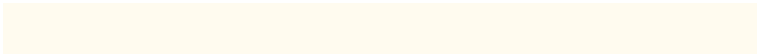
249.4610, 0.7587, -10.0513



250.2490, 2.3422, -4.6034



249.8480, 0.5679, 4.5183



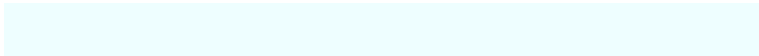
250.8280, -5.8312, 3.6588

Rectangle

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



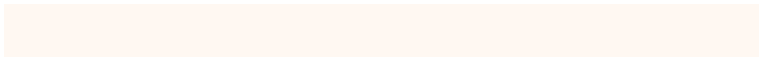
249.4610, 0.7587, -10.0513



249.3300, 2.7953, -9.9364



249.8480, 0.5679, 4.5183



249.4090, -3.6526, 4.9033

Sweetspot

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



249.4610, 0.7587, -10.0513



253.3910, 0.3002, -2.9739



249.1750, -5.5093, -6.2925



126.9890, 0.0054, -1.7444



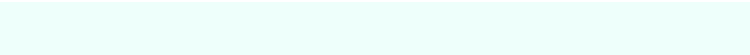
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

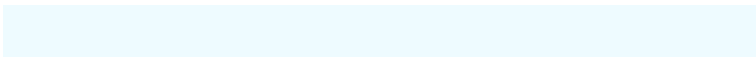
The Same Dimension uses a secret algorithm to generate beautiful new colors.



249.4610, 0.7587, -10.0513



248.4500, 0.7642, -11.7956



247.5690, 3.6635, -8.3920



123.6570, 0.1691, -7.5922



128.7610, 8.4988, -112.9234



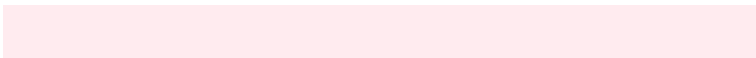
43.1540, 2.8821, -37.8461

Inverse Universe

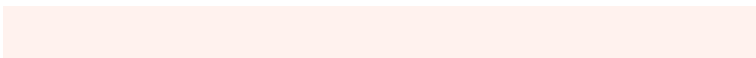
The Inverse Universe completely reimagines the original color for something new.



243.5390, -0.7587, 10.0513



241.4360, -1.2009, 11.8956



245.4310, -3.6635, 8.3920



119.2290, -0.6059, 7.6922



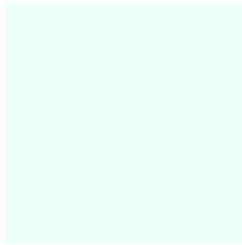
62.2390, -8.4988, 112.9234



20.8460, -2.8821, 37.8461

Previews

White Background



This preview shows how the YUV color 249.4610, 0.7587, -10.0513 looks on a white background.

Color Contrast Check

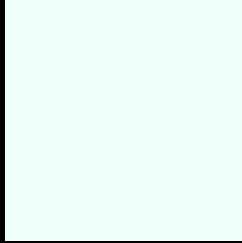
Large Text (above 18pt) WCAG AA × Fail

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 249.4610, 0.7587, -10.0513 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

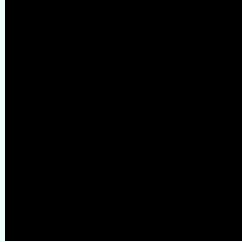
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 249.4610, 0.7587, -10.0513

Background



This preview shows how black text looks on a background with the YUV color 249.4610, 0.7587, -10.0513.



This preview shows how white text looks on a background with the YUV color 249.4610, 0.7587, -10.0513.

-10.0613.

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

249.4610, 0.7587, -10.0513



Protanopia

251.3810, -1.1738, 3.1739

Deuteranopia

251.6090, -0.3002, 2.9739

Tritanopia

250.8580, 2.0420, -1.6295

Trichromacy



Original Color

249.4610, 0.7587, -10.0513

Protanomaly

250.8750, -0.4314, -1.6444

Deuteranomaly

250.9890, 0.0054, -1.7444

Tritanomaly

250.1350, 1.9054, -4.5034

Monochromacy



Original Color

249.4610, 0.7587, -10.0513

Achromatopsia

249.0000, 0.0000, 0.0000

Achromatomaly

249.0920, 0.4476, -3.5887

CSS Examples

Text

The CSS property to change the color of the text to YUV 249.4610, 0.7587, -10.0513 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(238, 255, 251)` looks like.

```
.text, #text, p{  
    color:rgb(238, 255, 251)  
}
```

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(238, 255, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 255, 251) }
```

Border

The CSS property to change the border of an element to YUV 249.4610, 0.7587, -10.0513 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(238, 255, 251) }
```


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

```
.border{ border-color:rgb(238, 255, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 255, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 255, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 255, 251);  
box-shadow:4px 4px 4px 4px rgb(238, 255,  
251) }
```

Background

The CSS property to change the background color of an element to YUV 249.4610, 0.7587, -10.0513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 255, 251) }
```

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

```
.background{ background-color: rgb(238,  
255, 251) }
```

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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