

Converting Colors

YUV(247.1680, -1.5618,
-12.4253)

Have a look what the booklet for
YUV(247.1680, -1.5618, -12.4253)
contains.

YUV(247.1680, -1.5618, -12.4253)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(247.1680, -1.5618,
-12.4253)**

Conversions

Conversions Part 1

Format	Color
Hex	E9FFF4
RGB	233, 255, 244
RGB Percent	91%, 100%, 96%
CMY	0.0863, 0.0000, 0.0431
CMYK	0.09, 0.00, 0.04, 0.00
HSL	150°, 100%, 96%
HSV	150°, 9%, 100%
XYZ	85.6934, 95.3753, 99.4807
YIQ	247.1680, -9.5810, -8.0850

Conversions

Conversions Part 2

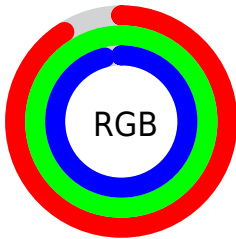
Format	Color
R _Y B	233, 248, 255
Decimal	15335412
CIE _{Lab}	98.18, -9.14, 2.80
CIE _{LCh}	98, 9.560, 162.976
Y _{xy}	95.3753, 0.3054, 0.3400
Android (android.graphics.Color)	4293525492 (0xFFE9FFF4)
Y _{UV}	247.1680, -1.5618, -12.4253
Hunter-Lab	97.6603, -14.2781, 7.9670

Details

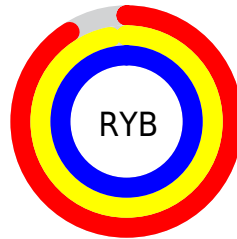
The YUV color **247.1680, -1.5618, -12.4253** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **240.8320, 1.5618, 12.4253**, and the grayscale version is **247.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **190.5810, -1.2724, -11.9105** is the 20% darker color. If you saturate the color by 10%, you get **238.2110, -3.5550, -26.4950**, and if you desaturate by 10%, it is **255.0000, 0.0000, 0.0000**.

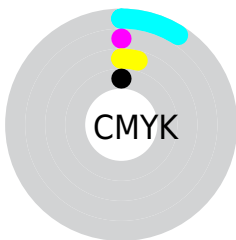
Distribution



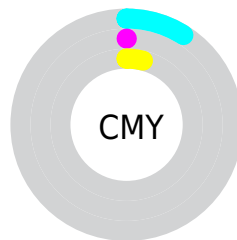
- Red (91%)
- Green (100%)
- Blue (96%)



- Red (91%)
- Yellow (97%)
- Blue (100%)



- Cyan (9%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)




- Cyan (9%)
- Magenta (0%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 247.1680, -1.5618, -12.4253 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 247.1680, -1.5618, -12.4253 by changing the saturation by 10% instead.

 247.1680, -1.5618,
-12.4253


 247.1680, -1.5618,
-12.4253

255.0000, 0.0000,
0.0000


 218.5810, -1.2724,
-11.9105

 190.5810, -1.2724,
-11.9105

 163.8800, -1.4198,
-11.2958

 137.2930, -1.1304,
-10.7810

 112.1790, -1.5672,
-10.6810

 87.2930, -1.1304,
-10.7810

 64.0050, -0.9885,

-9.6514

■ 42.0050, -0.9885,
-9.6514

■ 20.8200, -0.4043,
-10.3661

■ 247.1680, -1.5618,
-12.4253

■ 247.1680, -1.5618,
-12.4253

■ 238.2110, -3.5550,
-26.4950

255.0000, 0.0000,
0.0000

■ 229.0690, -4.9640,
-41.2795

■ 219.8130, -6.8098,
-55.9640

■ 210.8560, -8.8030,
-70.0337

■ 201.8990,
-10.7962, -84.1034

■ 192.7570,
-12.2052, -98.8879

■ 183.8000,
-14.1984, -112.9576

■ 174.5440,
-16.0442, -127.6421

■ 165.5870,
-18.0374, -141.7118

Harmonies

Analogous

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



247.7730, -5.8041, -5.0629



247.1680, -1.5618, -12.4253



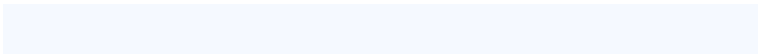
246.8130, 3.5432, -16.4990

Triad

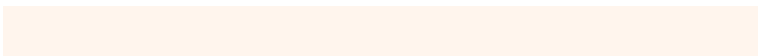
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



247.1680, -1.5618, -12.4253



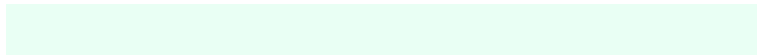
248.4880, 3.2104, -3.0590



247.0780, -4.9685, 6.9476

Complementary

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



247.1680, -1.5618, -12.4253



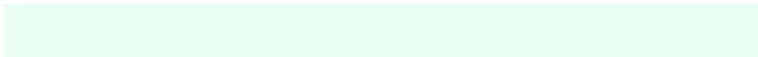
240.8320, 1.5618, 12.4253

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.



247.5170, -0.7479, 6.5626



247.1680, -1.5618, -12.4253



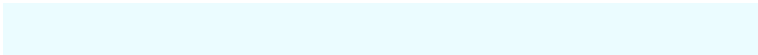
249.7170, 2.6045, 4.6332

Square

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



247.1680, -1.5618, -12.4253



247.2590, 3.8163, -10.7511



248.5430, 3.1833, 5.6628



247.6820, -7.7312, 6.4179

Rectangle

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



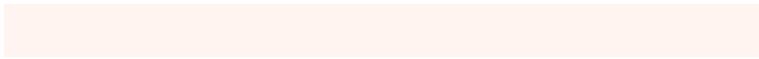
247.1680, -1.5618, -12.4253



246.6280, 4.1274, -17.2138



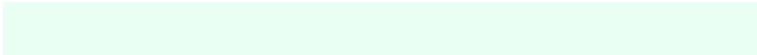
248.5430, 3.1833, 5.6628



246.8330, -3.3687, 7.1625

Sweetspot

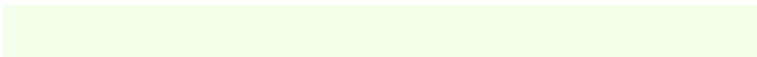
The Sweet Spot groups the original color and five complimentary colors.



247.1680, -1.5618, -12.4253



252.1520, -0.5679, -4.5183



249.2030, -7.9881, -4.5630



125.8640, -0.4260, -3.3887



0.0000, 0.0000, 0.0000



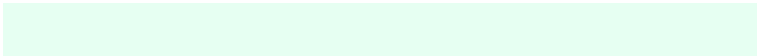
128.0000, 0.0000, 0.0000

Same Dimension

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



247.1680, -1.5618, -12.4253



246.0430, -1.9932, -14.0697



248.4220, 3.2430, -13.5251



123.3150, -1.1413, -7.2923



123.0610, -13.3411, -107.9245



41.2160, -4.5435, -36.1464

Inverse Universe

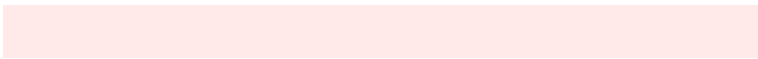
The Inverse Universe completely reimagines the original color for something new.



240.8320, 1.5618, 12.4253



238.8430, 1.5564, 14.1697



239.5780, -3.2430, 13.5251



119.5710, 0.7045, 7.3922



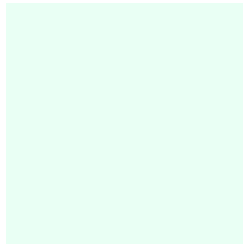
68.0530, 13.7779, 107.8245



22.7840, 4.5435, 36.1464

Previews

White Background



This preview shows how the YUV color 247.1680, -1.5618, -12.4253 looks on a white background.

Color Contrast Check

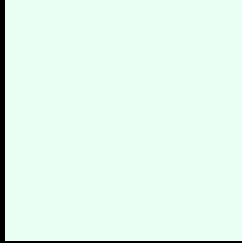
Large Text (above 18pt) WCAG AA × Fail

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 247.1680, -1.5618, -12.4253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

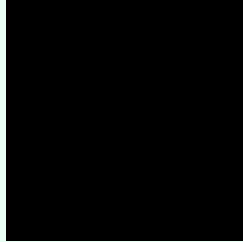
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

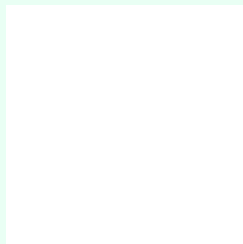
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 247.1680, -1.5618, -12.4253

Background



This preview shows how black text looks on a background with the YUV color 247.1680, -1.5618, -12.4253.



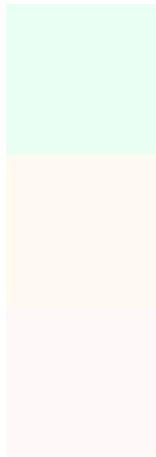
This preview shows how white text looks on a background with the YUV color 247.1680, -1.5618, -12.4253.

-12.4253.

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

247.1680, -1.5618, -12.4253

Protanopia

249.9960, -3.9420, 4.3885

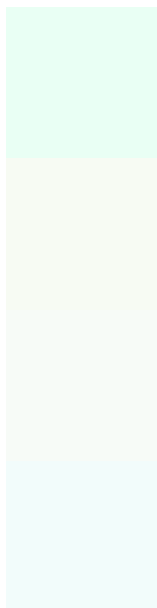
Deuteranopia

250.2070, -0.5951, 4.2035

Tritanopia

249.6730, 2.6262, -2.3442

Trichromacy



Original Color

247.1680, -1.5618, -12.4253

Protanomaly

248.8920, -2.9048, -1.6593

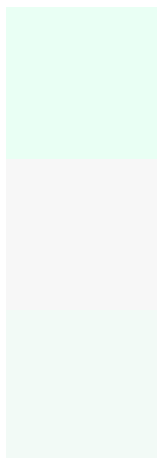
Deuteranomaly

249.3480, -1.1576, -2.0592

Tritanomaly

248.8960, 1.0373, -6.0478

Monochromacy



Original Color

247.1680, -1.5618, -12.4253

Achromatopsia

247.0000, 0.0000, 0.0000

Achromatomaly

247.1520, -0.5679, -4.5183

CSS Examples

Text

The CSS property to change the color of the text to YUV 247.1680, -1.5618, -12.4253 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(233, 255, 244)` looks like.

```
.text, #text, p{  
    color:rgb(233, 255, 244)  
}
```

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(233, 255, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 255, 244) }
```

Border

The CSS property to change the border of an element to YUV 247.1680, -1.5618, -12.4253 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(233, 255, 244) }
```


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

```
.border{ border-color:rgb(233, 255, 244) }
```

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

Here you see how a box with a 4 pixel rgb(233, 255, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 255, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 255, 244);  
box-shadow:4px 4px 4px 4px rgb(233, 255,  
244) }
```

Background

The CSS property to change the background color of an element to YUV 247.1680, -1.5618, -12.4253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 255, 244) }
```

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

```
.background{ background-color: rgb(233,  
255, 244) }
```

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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