

Converting Colors

YUV(246.3470, 0.3219, -9.9513)

Have a look what the booklet for
YUV(246.3470, 0.3219, -9.9513)
contains.

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Color

**YUV(246.3470, 0.3219,
-9.9513)**

Conversions

Conversions Part 1

Format	Color
Hex	EBFCF7
RGB	235, 252, 247
RGB Percent	92%, 99%, 97%
CMY	0.0784, 0.0118, 0.0314
CMYK	0.07, 0.00, 0.02, 0.01
HSL	162°, 74%, 95%
HSV	162°, 7%, 99%
XYZ	85.8599, 93.9984, 101.6139
YIQ	246.3470, -8.5270, -5.1590

Conversions

Conversions Part 2

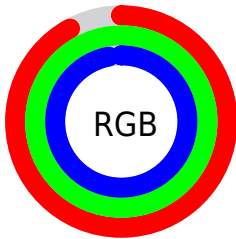
Format	Color
R _{YB}	235, 245, 252
Decimal	15465719
CIE Lab	97.63, -6.45, 0.47
CIE LCh	98, 6.466, 175.834
Yxy	93.9984, 0.3050, 0.3340
Android (android.graphics.Color)	4293655799 (0xFFEBFCF7)
YUV	246.3470, 0.3219, -9.9513
Hunter-Lab	96.9528, -11.5905, 5.7265

Details

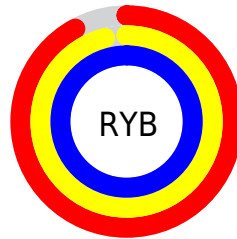
The YUV color $246.3470, 0.3219, -9.9513$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $240.6530, -0.3219, 9.9513$, and the grayscale version is $246.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $189.7600, 0.6113, -9.4365$ is the 20% darker color. If you saturate the color by 10%, you get $238.0740, 0.9495, -24.6209$, and if you desaturate by 10%, it is $253.1250, 0.4314, 1.6444$.

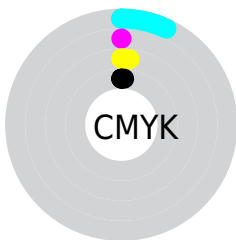
Distribution



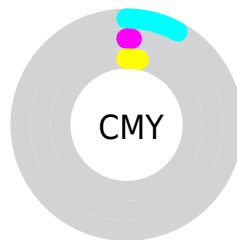
- Red (92%)
- Green (99%)
- Blue (97%)



- Red (92%)
- Yellow (96%)
- Blue (99%)



- Cyan (7%)
- Magenta (0%)
- Yellow (2%)
- Black (1%)



- Cyan (8%)
- Magenta (1%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 246.3470, 0.3219, -9.9513 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 246.3470, 0.3219, -9.9513 by changing the saturation by 10% instead.


 246.3470, 0.3219,
-9.9513

 246.3470, 0.3219,
-9.9513


255.0000, 0.0000,
0.0000


 217.7600, 0.6113,
-9.4365

 189.7600, 0.6113,
-9.4365

 162.7600, 0.6113,
-9.4365

 136.6460, 0.1745,
-9.3365

 111.0590, 0.4639,
-8.8217

 87.0590, 0.4639,
-8.8217

 63.3580, 0.3165,

-8.2070

■ 41.6570, 0.1691,
-7.5922

■ 20.7710, 0.6059,
-7.6922

■ 246.3470, 0.3219,
-9.9513

■ 246.3470, 0.3219,
-9.9513

■ 238.0740, 0.9495,
-24.6209

■ 253.1250, 0.4314,
1.6444

■ 229.6870, 1.1403,
-39.1905

■ 253.2390, 0.8682,
1.5444

■ 221.1150, 1.9153,
-54.4749

■ 212.7280, 2.1061,
-69.0445

■ 204.4550, 2.7337,
-83.7140

■ 196.1820, 3.3613,
-98.3836

■ 187.7950, 3.5521,
-112.9532

■ 179.2230, 4.3271,
-128.2376

■ 170.8360, 4.5179,
-142.8072

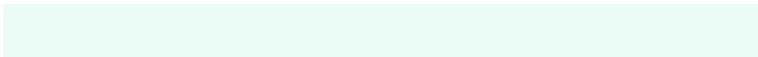
Harmonies

Analogous

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



246.5710, -2.7465, -5.7628



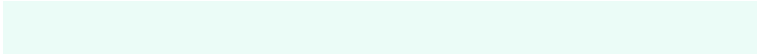
246.3470, 0.3219, -9.9513



246.4330, 3.2375, -11.7807

Triad

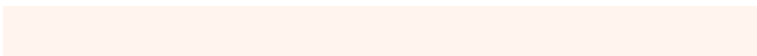
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



246.3470, 0.3219, -9.9513



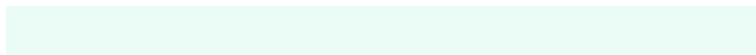
248.5100, 3.1996, 0.4297



247.1920, -4.5317, 6.8476

Complementary

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



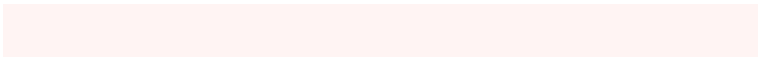
246.3470, 0.3219, -9.9513



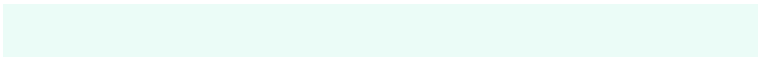
240.6530, -0.3219, 9.9513

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.



247.1750, -2.0583, 6.8625



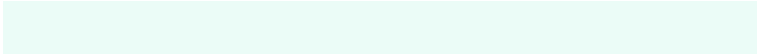
246.3470, 0.3219, -9.9513



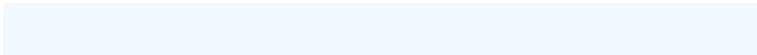
249.1300, 2.8939, 5.1480

Square

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



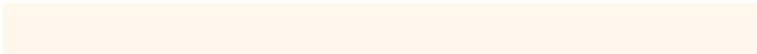
246.3470, 0.3219, -9.9513



247.2920, 3.8000, -5.5181



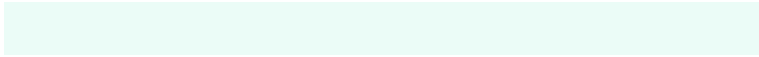
247.8590, 0.5625, 6.2627



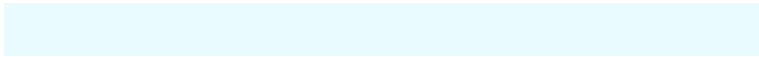
248.1380, -5.9840, 6.0180

Rectangle

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



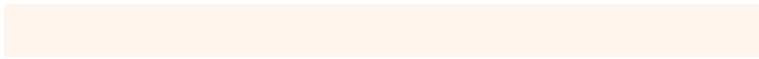
246.3470, 0.3219, -9.9513



246.3730, 4.2531, -10.8511



247.8590, 0.5625, 6.2627



247.3060, -4.0949, 6.7476

Sweetspot

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



246.3470, 0.3219, -9.9513



253.3910, 0.3002, -2.9739



246.4740, -5.6567, -5.6777



126.9890, 0.0054, -1.7444



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

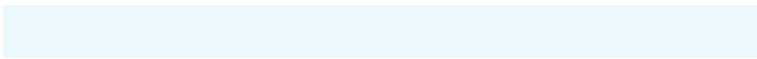
The Same Dimension uses a secret algorithm to generate beautiful new colors.



246.3470, 0.3219, -9.9513



248.3360, 0.3274, -11.6957



245.1560, 3.3741, -8.9068



120.6570, 0.1691, -7.5922



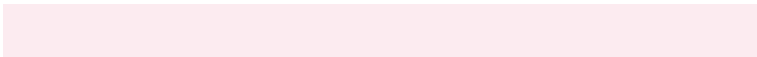
126.1050, 3.3992, -110.5941



40.7090, 1.1295, -35.7018

Inverse Universe

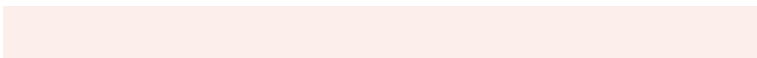
The Inverse Universe completely reimagines the original color for something new.



240.6530, -0.3219, 9.9513



241.6640, -0.3274, 11.6957



241.8440, -3.3741, 8.9068



116.3430, -0.1691, 7.5922



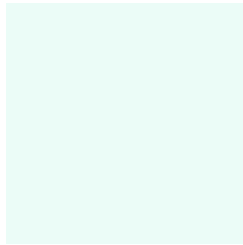
62.7810, -3.8360, 110.6941



20.2910, -1.1295, 35.7018

Previews

White Background



This preview shows how the YUV color 246.3470, 0.3219, -9.9513 looks on a white background.

Color Contrast Check

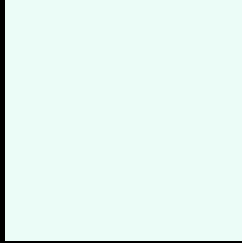
Large Text (above 18pt) WCAG AA × Fail

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 246.3470, 0.3219, -9.9513 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

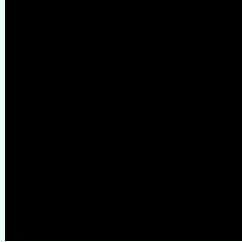
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

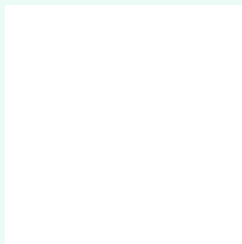
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 246.3470, 0.3219, -9.9513

Background



This preview shows how black text looks on a background with the YUV color 246.3470, 0.3219, -9.9513.



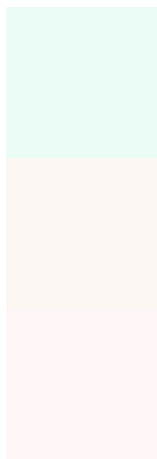
This preview shows how white text looks on a background with the YUV color 246.3470, 0.3219, -9.9513.

-9.9513.

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

246.3470, 0.3219, -9.9513

Protanopia

248.4520, -2.1948, 3.9886

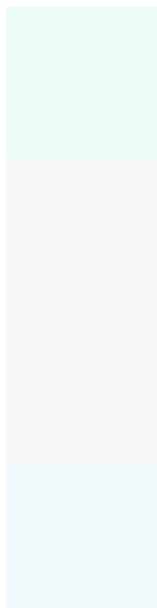
Deuteranopia

248.9190, -0.4531, 5.3330

Tritanopia

247.9010, 3.4998, -2.5442

Trichromacy



Original Color

246.3470, 0.3219, -9.9513

Protanomaly

247.6470, -1.3050, -1.4444

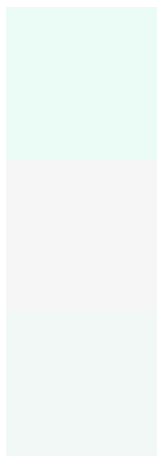
Deuteranomaly

248.0000, 0.0000, 0.0000

Tritanomaly

246.9500, 2.4897, -5.2181

Monochromacy



Original Color

246.3470, 0.3219, -9.9513

Achromatopsia

246.0000, 0.0000, 0.0000

Achromatomaly

245.9780, 0.0108, -3.4887

CSS Examples

Text

The CSS property to change the color of the text to YUV 246.3470, 0.3219, -9.9513 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(235, 252, 247)` looks like.

```
.text, #text, p{  
    color:rgb(235, 252, 247)  
}
```

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(235, 252, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 252, 247) }
```

Border

The CSS property to change the border of an element to YUV 246.3470, 0.3219, -9.9513 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(235, 252, 247) }
```


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

```
.border{ border-color:rgb(235, 252, 247) }
```

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

Here you see how a box with a 4 pixel rgb(235, 252, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 252, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 252, 247);  
box-shadow:4px 4px 4px 4px rgb(235, 252,  
247) }
```

Background

The CSS property to change the background color of an element to YUV 246.3470, 0.3219, -9.9513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 252, 247) }
```

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

```
.background{ background-color: rgb(235,  
252, 247) }
```

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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