

Converting Colors

YUV(246.0580, 1.9434,
-16.7139)

Have a look what the booklet for
YUV(246.0580, 1.9434, -16.7139)
contains.

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Color

**YUV(246.0580, 1.9434,
-16.7139)**

Conversions

Conversions Part 1

Format	Color
Hex	E3FFFA
RGB	227, 255, 250
RGB Percent	89%, 100%, 98%
CMY	0.1098, 0.0000, 0.0196
CMYK	0.11, 0.00, 0.02, 0.00
HSL	169°, 100%, 95%
HSV	169°, 11%, 100%
XYZ	84.6939, 94.7530, 104.2678
YIQ	246.0580, -15.0830, -7.4910

Conversions

Conversions Part 2

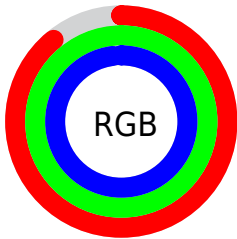
Format	Color
R _{YB}	227, 242, 255
Decimal	14942202
CIE _{Lab}	97.93, -9.95, -0.69
CIE _{LCh}	98, 9.978, 183.990
Yxy	94.7530, 0.2985, 0.3340
Android (android.graphics.Color)	4293132282 (0xFFE3FFFA)
YUV	246.0580, 1.9434, -16.7139
Hunter-Lab	97.3412, -15.0391, 4.6298

Details

The YUV color $246.0580, 1.9434, -16.7139$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $235.9420, -1.9434, 16.7139$, 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 $189.4710, 2.2328, -16.1991$ is the 20% darker color. If you saturate the color by 10%, you get $238.0130, 3.4446, -31.5834$, and if you desaturate by 10%, it is $254.1030, 0.4422, -1.8443$.

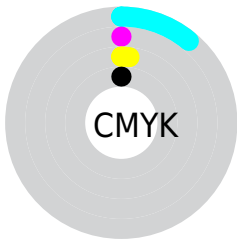
Distribution



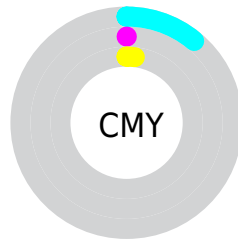
- Red (89%)
- Green (100%)
- Blue (98%)



- Red (89%)
- Yellow (95%)
- Blue (100%)



- Cyan (11%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)



- Cyan (11%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 246.0580, 1.9434, -16.7139 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 246.0580, 1.9434, -16.7139 by changing the saturation by 10% instead.

246.0580, 1.9434,
-16.7139

246.0580, 1.9434,
-16.7139

255.0000, 0.0000,
0.0000

217.3570, 1.7960,
-16.0991

189.4710, 2.2328,
-16.1991

162.6560, 1.6486,
-15.4843

136.0690, 1.9380,
-14.9695

111.0690, 1.9380,
-14.9695

86.3680, 1.7906,
-14.3547

62.7810, 2.0800,

-13.8399

■ 40.7810, 2.0800,
-13.8399

■ 19.1830, 2.3748,
-15.0695

■ 246.0580, 1.9434,
-16.7139

■ 246.0580, 1.9434,
-16.7139

■ 238.0130, 3.4446,
-31.5834

■ 254.1030, 0.4422,
-1.8443

■ 229.7830, 5.5300,
-47.1677

■ 255.0000, 0.0000,
0.0000

■ 221.4390, 7.1786,
-62.6520

■ 213.5080, 9.1166,
-77.6215

■ 205.1640, 10.7651,
-93.1058

■ 197.2330, 12.7031,
-108.0753

■ 189.1880, 14.2043,
-122.9449

■ 180.9580, 16.2897,
-138.5292

■ 173.5110, 17.4961,
-152.1691

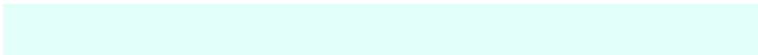
Harmonies

Analogous

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



246.4240, -3.1670, -10.8958



246.0580, 1.9434, -16.7139



245.7420, 4.5642, -17.3137

Triad

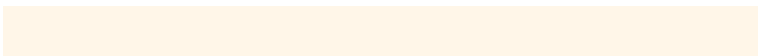
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



246.0580, 1.9434, -16.7139



249.1190, 2.8993, 3.4036



247.0950, -7.4418, 6.9327

Complementary

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



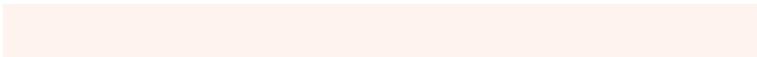
246.0580, 1.9434, -16.7139



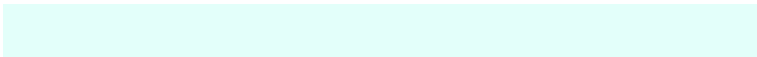
235.9420, -1.9434, 16.7139

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.



246.1320, -3.5161, 7.7772



246.0580, 1.9434, -16.7139



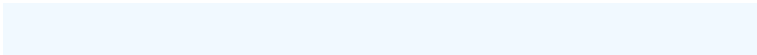
248.5430, 3.1833, 5.6628

Square

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



246.0580, 1.9434, -16.7139



247.2920, 3.8000, -5.5181



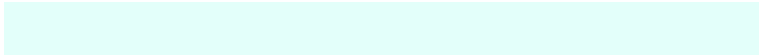
247.1580, 0.4151, 6.8774



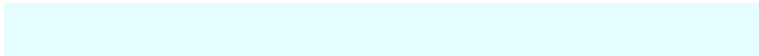
248.6280, -9.1836, 5.5882

Rectangle

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



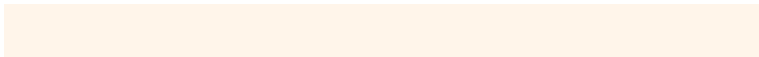
246.0580, 1.9434, -16.7139



245.7530, 4.5588, -15.5694



247.1580, 0.4151, 6.8774



246.7360, -6.2788, 7.2475

Sweetspot

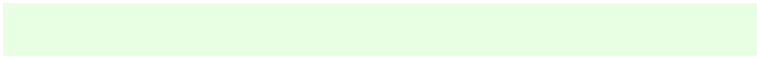
The Sweet Spot groups the original color and five complimentary colors.



246.0580, 1.9434, -16.7139



252.4940, 0.7425, -4.8182



244.9310, -8.8400, -11.3405



126.0920, 0.4476, -3.5887



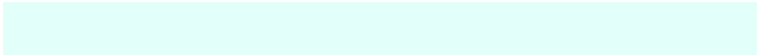
0.0000, 0.0000, 0.0000



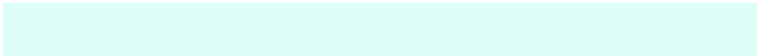
128.0000, 0.0000, 0.0000

Same Dimension

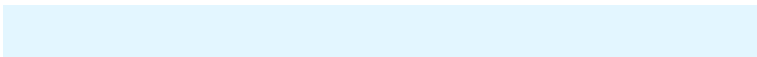
The Same Dimension uses a secret algorithm to generate beautiful new colors.



246.0580, 1.9434, -16.7139



244.4490, 2.2436, -19.6878



241.3450, 6.7319, -12.5806



123.7710, 0.6059, -7.6922



130.0150, 13.3036, -114.0232



43.4960, 4.1925, -38.1460

Inverse Universe

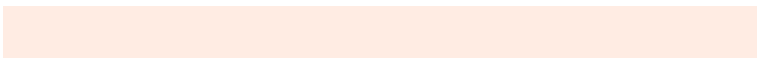
The Inverse Universe completely reimagines the original color for something new.



235.9420, -1.9434, 16.7139



232.5510, -2.2436, 19.6878



240.6550, -6.7319, 12.5806



119.1150, -1.0427, 7.7921



60.9850, -13.3036, 114.0232



20.3900, -4.6293, 38.2460

Previews

White Background



This preview shows how the YUV color 246.0580, 1.9434, -16.7139 looks on a white background.

Color Contrast Check

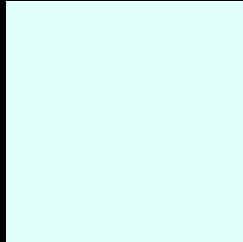
Large Text (above 18pt) WCAG AA × Fail

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 246.0580, 1.9434, -16.7139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

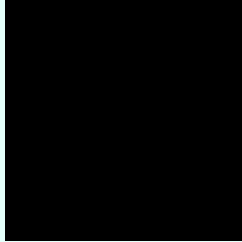
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

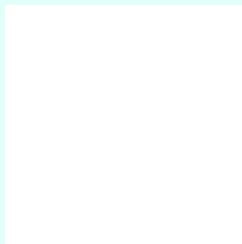
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 246.0580, 1.9434, -16.7139

Background



This preview shows how black text looks on a background with the YUV color 246.0580, 1.9434, -16.7139.



This preview shows how white text looks on a background with the YUV color 246.0580, 1.9434, -16.7139.

-16.7139.

Color Blindness Simulation

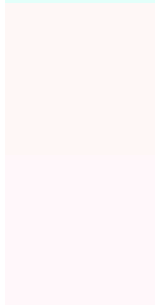
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

246.0580, 1.9434, -16.7139



Protanopia

248.9790, -1.4686, 4.4034

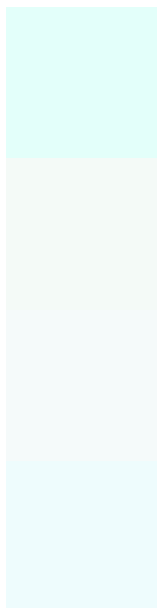
Deuteranopia

249.7340, 0.1311, 4.6183

Tritanopia

248.7760, 3.0684, -4.1886

Trichromacy



Original Color

246.0580, 1.9434, -16.7139

Protanomaly

247.8640, -0.4260, -3.3887

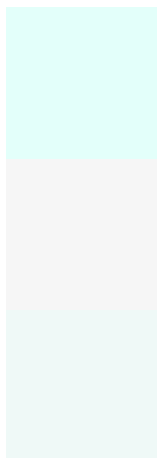
Deuteranomaly

248.5050, 0.7370, -3.0739

Tritanomaly

247.9280, 2.5005, -8.7069

Monochromacy



Original Color

246.0580, 1.9434, -16.7139

Achromatopsia

246.0000, 0.0000, 0.0000

Achromatomaly

245.7820, 0.6005, -5.9478

CSS Examples

Text

The CSS property to change the color of the text to YUV 246.0580, 1.9434, -16.7139 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(227, 255, 250)` looks like.

```
.text, #text, p{  
    color:rgb(227, 255, 250)  
}
```

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(227, 255, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 255, 250) }
```

Border

The CSS property to change the border of an element to YUV 246.0580, 1.9434, -16.7139 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(227, 255, 250) }
```


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

```
.border{ border-color:rgb(227, 255, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 255, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 255, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 255, 250);  
box-shadow:4px 4px 4px 4px rgb(227, 255,  
250) }
```

Background

The CSS property to change the background color of an element to YUV 246.0580, 1.9434, -16.7139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 255, 250) }
```

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

```
.background{ background-color: rgb(227,  
255, 250) }
```

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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