

Converting Colors

YUV(228.1590, 1.8936,
-47.4974)

Have a look what the booklet for
YUV(228.1590, 1.8936, -47.4974)
contains.

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Color

**YUV(228.1590, 1.8936,
-47.4974)**

Conversions

Conversions Part 1

Format	Color
Hex	AEFFE8
RGB	174, 255, 232
RGB Percent	68%, 100%, 91%
CMY	0.3176, 0.0000, 0.0902
CMYK	0.32, 0.00, 0.09, 0.00
HSL	163°, 100%, 84%
HSV	163°, 32%, 100%
XYZ	67.7810, 86.3449, 89.4377
YIQ	228.1590, -40.8930, -24.3250

Conversions

Conversions Part 2

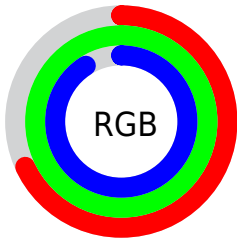
Format	Color
RYB	174, 221, 255
Decimal	11468776
CIELab	94.46, -29.41, 3.14
CIElCh	94, 29.575, 173.901
Yxy	86.3449, 0.2783, 0.3545
Android (android.graphics.Color)	4289658856 (0xFFAEFFE8)
YUV	228.1590, 1.8936, -47.4974
Hunter-Lab	92.9219, -32.4082, 7.9785

Details

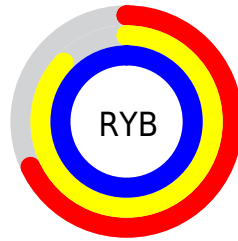
The YUV color $228.1590, 1.8936, -47.4974$ is a light color, and the websafe version is hex $99FFFF$. A complement of this color would be $200.8410, -1.8936, 47.4974$, and the grayscale version is $228.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $247.8240, 3.5378, -14.7546$, and $171.8710, 2.0356, -46.3679$ is the 20% darker color. If you saturate the color by 10%, you get $219.5870, 2.6686, -62.7818$, and if you desaturate by 10%, it is $236.7310, 1.1186, -32.2131$.

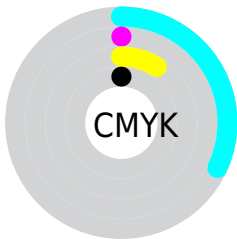
Distribution



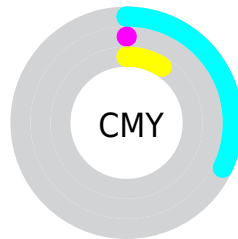
- Red (68%)
- Green (100%)
- Blue (91%)



- Red (68%)
- Yellow (87%)
- Blue (100%)



- Cyan (32%)
- Magenta (0%)
- Yellow (9%)
- Black (0%)



- Cyan (32%)
- Magenta (0%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 228.1590, 1.8936, -47.4974 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 228.1590, 1.8936, -47.4974 by changing the saturation by 10% instead.

■ 228.1590, 1.8936,
-47.4974

■ 228.1590, 1.8936,
-47.4974

255.0000, 0.0000,
0.0000

■ 199.5720, 2.1830,
-46.9826

■ 247.8240, 3.5378,
-14.7546

■ 171.8710, 2.0356,
-46.3679

■ 144.0990, 2.9092,
-46.5678

■ 117.8000, 3.0566,
-47.1826

■ 91.0170, 3.9356,
-49.1269

■ 63.1410, 5.8465,
-55.3747

■ 46.5450, 3.1823,

-40.8200

■ 30.6500, 0.6656,
-26.8800

■ 15.0000, -3.4510,
-13.1550

■ 228.1590, 1.8936,
-47.4974

■ 228.1590, 1.8936,
-47.4974

■ 219.5870, 2.6686,
-62.7818

■ 236.7310, 1.1186,
-32.2131

■ 211.3140, 3.2962,
-77.4514

■ 245.0040, 0.4910,
-17.5435

■ 202.9270, 3.4870,
-92.0210

■ 253.6900, 0.1528,
-2.3591

■ 194.3550, 4.2620,
-107.3053

■ 255.0000, 0.0000,
0.0000

■ 186.0820, 4.8896,
-121.9749

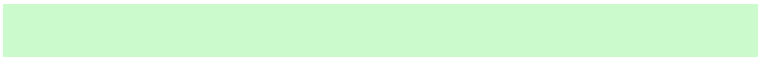
■ 177.5100, 5.6646,
-137.2593

■ 170.5470, 6.1393,
-149.5697

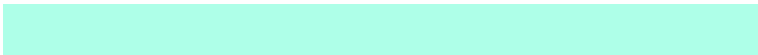
Harmonies

Analogous

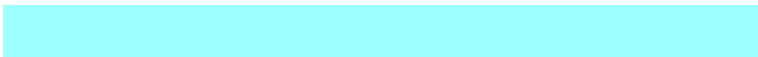
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



231.4040, -13.0172, -24.9103



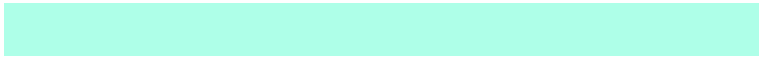
228.1590, 1.8936, -47.4974



225.9970, 14.2985, -59.6334

Triad

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



228.1590, 1.8936, -47.4974



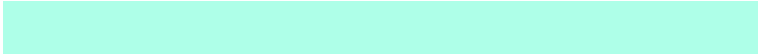
236.9920, 8.8779, -0.8700



231.0230, -18.2523, 21.0278

Complementary

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



228.1590, 1.8936, -47.4974



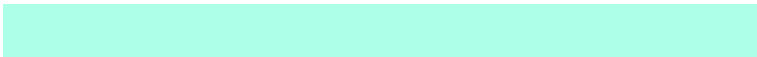
200.8410, -1.8936, 47.4974

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.



230.1230, -6.4696, 21.8171



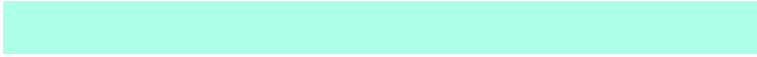
228.1590, 1.8936, -47.4974



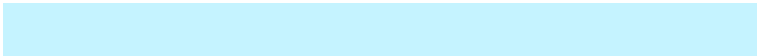
237.3900, 8.6817, 15.4440

Square

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



228.1590, 1.8936, -47.4974



230.6140, 12.0223, -29.4795



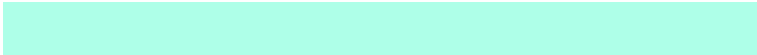
232.8420, 6.4869, 19.4326



235.0520, -25.6616, 17.4944

Rectangle

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



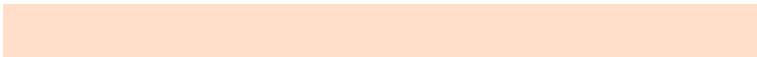
228.1590, 1.8936, -47.4974



225.4210, 14.5824, -57.3742



232.8420, 6.4869, 19.4326



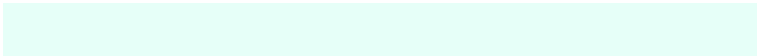
230.0600, -14.3266, 21.8724

Sweetspot

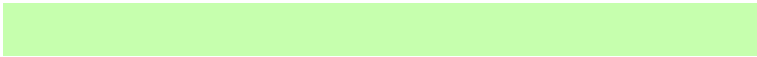
The Sweet Spot groups the original color and five complimentary colors.



228.1590, 1.8936, -47.4974



246.7270, 0.6276, -14.6696



228.7230, -26.9784, -26.9441



122.6460, 0.1745, -9.3365



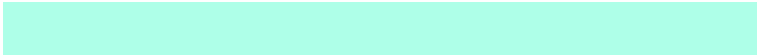
0.0000, 0.0000, 0.0000



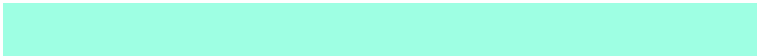
128.0000, 0.0000, 0.0000

Same Dimension

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



228.1590, 1.8936, -47.4974



222.8050, 2.0681, -56.8340



221.3890, 16.5702, -41.5602



123.6570, 0.1691, -7.5922



127.7350, 4.5676, -112.0236



42.8120, 1.5717, -37.5461

Inverse Universe

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



200.8410, -1.8936, 47.4974



190.1950, -2.0681, 56.8340



207.6110, -16.5702, 41.5602



119.2290, -0.6059, 7.6922



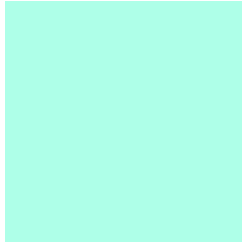
63.2650, -4.5676, 112.0236



21.1880, -1.5717, 37.5461

Previews

White Background



This preview shows how the YUV color 228.1590, 1.8936, -47.4974 looks on a white background.

Color Contrast Check

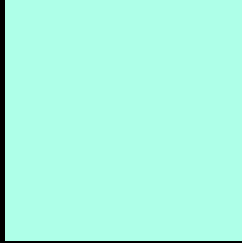
Large Text (above 18pt) WCAG AA × Fail

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 228.1590, 1.8936, -47.4974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

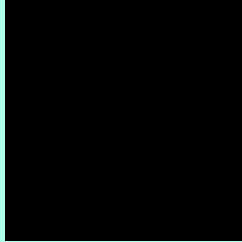
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 228.1590, 1.8936, -47.4974

Background



This preview shows how black text looks on a background with the YUV color 228.1590, 1.8936, -47.4974.



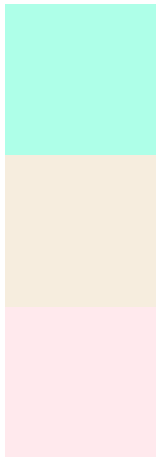
This preview shows how white text looks on a background with the YUV color 228.1590, 1.8936, -47.4974.

-47.4974.

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

228.1590, 1.8936, -47.4974

Protanopia

237.9810, -7.8786, 7.0327

Deuteranopia

240.0340, -1.4958, 13.1252



Tritanopia

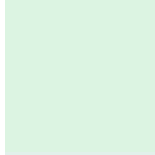
235.3870, 9.6692, -21.3874

Trichromacy



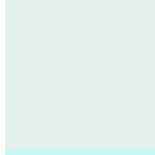
Original Color

228.1590, 1.8936, -47.4974



Protanomaly

234.7720, -4.3246, -12.9550



Deuteranomaly

235.8310, -0.4097, -8.6218



Tritanomaly

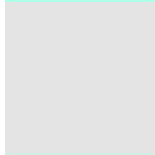
232.9360, 6.9336, -30.6389

Monochromacy



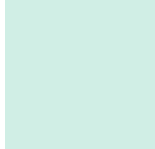
Original Color

228.1590, 1.8936, -47.4974



Achromatopsia

228.0000, 0.0000, 0.0000



Achromatomaly

228.0040, 0.4910, -17.5435

CSS Examples

Text

The CSS property to change the color of the text to YUV 228.1590, 1.8936, -47.4974 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(174, 255, 232)` looks like.

```
.text, #text, p{  
    color:rgb(174, 255, 232)  
}
```

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(174, 255, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 255, 232) }
```

Border

The CSS property to change the border of an element to YUV 228.1590, 1.8936, -47.4974 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(174, 255, 232) }
```


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

```
.border{ border-color:rgb(174, 255, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 255, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 255, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 255, 232);  
box-shadow:4px 4px 4px 4px rgb(174, 255,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 228.1590, 1.8936, -47.4974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 255, 232) }
```

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

```
.background{ background-color: rgb(174,  
255, 232) }
```

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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