

# Converting Colors

YUV(216.8440, 16.3459,  
-63.0072)

Have a look what the booklet for  
YUV(216.8440, 16.3459, -63.0072)  
contains.

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# Color

**YUV(216.8440, 16.3459,  
-63.0072)**

# Conversions

## Conversions Part 1

Format	Color
Hex	91F7FA
RGB	145, 247, 250
RGB Percent	57%, 97%, 98%
CMY	0.4314, 0.0314, 0.0196
CMYK	0.42, 0.01, 0.00, 0.02
HSL	182°, 91%, 77%
HSV	182°, 42%, 98%
XYZ	62.1931, 79.4434, 102.4987
YIQ	216.8440, -61.7550, -20.6910

# Conversions

## Conversions Part 2

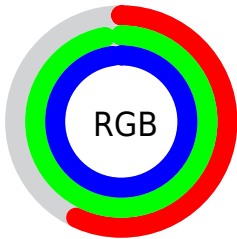
<b>Format</b>	<b>Color</b>
<b>RYB</b>	145, 197, 250
Decimal	9566202
CIELab	91.43, -29.00, -10.78
CIElCh	91, 30.937, 200.392
Yxy	79.4434, 0.2547, 0.3254
Android (android.graphics.Color)	4287756282 (0xFF91F7FA)
YUV	216.8440, 16.3459, -63.0072
Hunter-Lab	89.1310, -31.4270, -5.7904

# Details

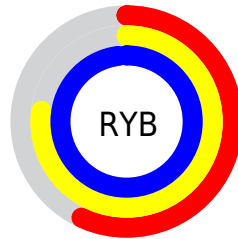
The YUV color **216.8440, 16.3459, -63.0072** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **178.1560, -16.3459, 63.0072**, and the grayscale version is **217.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.7510, 7.5178, -31.3536**, and **159.3600, 17.0775, -64.3367** is the 20% darker color. If you saturate the color by 10%, you get **208.7820, 20.3205, -77.8618**, and if you desaturate by 10%, it is **224.9060, 12.3713, -48.1526**.

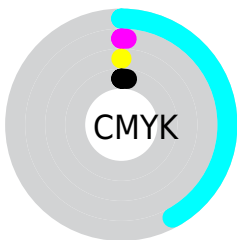
# Distribution



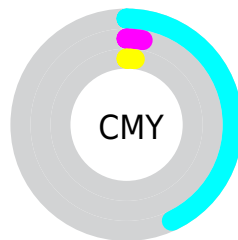
- Red (57%)
- Green (97%)
- Blue (98%)



- Red (57%)
- Yellow (77%)
- Blue (98%)



- Cyan (42%)
- Magenta (1%)
- Yellow (0%)
- Black (2%)



- Cyan (43%)
- Magenta (3%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 216.8440, 16.3459, -63.0072 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 216.8440, 16.3459, -63.0072 by changing the saturation by 10% instead.



216.8440, 16.3459,  
-63.0072

216.8440, 16.3459,  
-63.0072

255.0000, 0.0000,  
0.0000

187.8440, 16.3459,  
-63.0072

239.7510, 7.5178,  
-31.3536

159.3600, 17.0775,  
-64.3367

248.4220, 3.2430,  
-13.5251

130.7510, 17.3778,  
-67.3106

96.0910, 21.6471,  
-83.3948

78.2670, 18.1094,  
-68.6402

60.7420, 14.4242,  
-53.2707

44.0320, 11.3232,

-38.6161

■ 28.6100, 8.0803,  
-25.0910

■ 9.3070, 7.7366,  
-8.1622

■ 216.8440, 16.3459,  
-63.0072

■ 216.8440, 16.3459,  
-63.0072

■ 208.7820, 20.3205,  
-77.8618

■ 224.9060, 12.3713,  
-48.1526

■ 201.3070, 24.0056,  
-93.2312

■ 232.3810, 8.6862,  
-32.7831

■ 193.2450, 27.9802,  
-108.0859

■ 240.4430, 4.7116,  
-17.9285

■ 185.1830, 31.9548,  
-122.9405

■ 248.5050, 0.7370,  
-3.0739

■ 177.1210, 35.9293,  
-137.7951

■ 252.0820, -1.0264,  
2.5591

■ 171.1410, 38.8775,  
-150.0907

■ 252.6690, -1.3158,  
2.0443

■ 253.2560, -1.6052,  
1.5295

# Harmonies

## Analogous

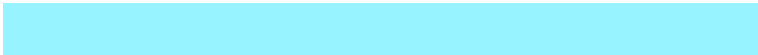
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



219.4040, 0.2938, -47.7123



216.8440, 16.3459, -63.0072



216.5610, 18.9504, -58.3740

# Triad

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



216.8440, 16.3459, -63.0072



232.1070, 11.2862, 20.0772



227.9280, -27.5725, 23.7421

# Complementary

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



216.8440, 16.3459, -63.0072



178.1560, -16.3459, 63.0072

# 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.



224.2410, -18.8528, 26.9756



216.8440, 16.3459, -63.0072



226.9890, 6.9074, 24.5656

# Square

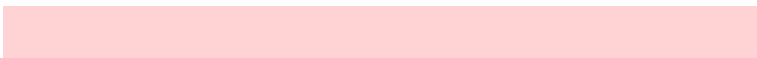
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



216.8440, 16.3459, -63.0072



228.1100, 13.2568, -5.3585



223.5690, -6.1965, 27.5650



226.8500, -26.0551, 3.6395

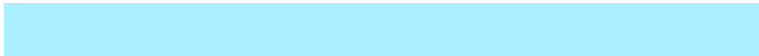


# Rectangle

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



216.8440, 16.3459, -63.0072



219.8940, 17.3073, -44.6340



223.5690, -6.1965, 27.5650



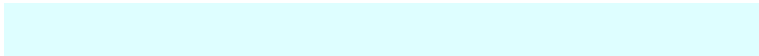
226.5090, -25.3939, 24.9866

# Sweetspot

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



216.8440, 16.3459, -63.0072



244.5460, 5.1538, -19.7728



206.8630, -29.5125, -54.2539



121.1340, 3.3849, -12.3955



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.



216.8440, 16.3459, -63.0072



214.6790, 19.8783, -76.0175



186.9070, 31.1048, -36.7524



121.1130, 1.9163, -7.9921



128.9670, 29.5963, -113.1041



41.5870, 9.5706, -36.4718



# Inverse Universe

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



188.0230, 29.0757, 54.3538



179.9950, 35.0055, 65.7794



208.0930, -31.1048, 36.7524



117.3690, 3.7621, 6.6924



77.3730, 52.0741, 97.8969

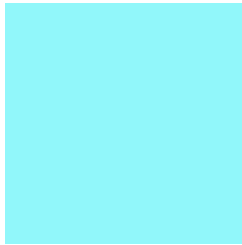


24.9650, 16.7793, 31.6027



# Previews

## White Background



This preview shows how the YUV color 216.8440, 16.3459, -63.0072 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

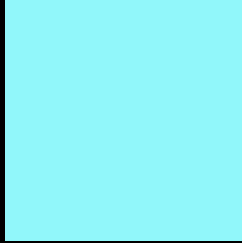
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 216.8440, 16.3459, -63.0072 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

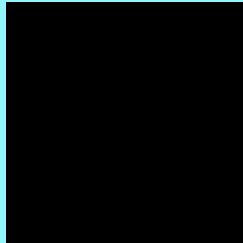
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 216.8440, 16.3459, -63.0072

## Background



This preview shows how black text looks on a background with the YUV color 216.8440, 16.3459, -63.0072.



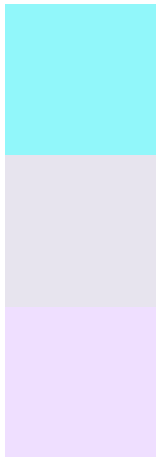
This preview shows how white text looks on a background with the YUV color 216.8440, 16.3459, -63.0072.

-63.0072.

# 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

216.8440, 16.3459, -63.0072

### Protanopia

230.0370, 3.9258, 0.8446

### Deuteranopia

231.4320, 11.6190, 6.6371



## Tritanopia

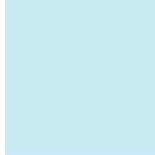
222.8730, 15.8386, -40.2306

# Trichromacy



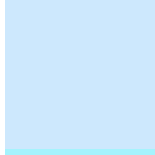
## Original Color

216.8440, 16.3459, -63.0072



## Protanomaly

225.3330, 8.2168, -22.2170



## Deuteranomaly

226.3210, 13.1527, -18.6985



## Tritanomaly

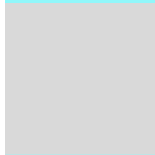
220.8180, 15.8657, -48.9524

# Monochromacy



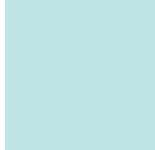
## Original Color

216.8440, 16.3459, -63.0072



## Achromatopsia

217.0000, 0.0000, 0.0000



## Achromatomaly

217.0510, 5.8909, -22.8467

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 216.8440, 16.3459, -63.0072 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(145, 247, 250)` looks like.

```
.text, #text, p{  
    color:rgb(145, 247, 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(145, 247, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 247, 250) }
```

## Border

The CSS property to change the border of an element to YUV 216.8440, 16.3459, -63.0072 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(145, 247, 250) }
```



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

```
.border{ border-color:rgb(145, 247, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 247, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 247, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 247, 250);  
box-shadow:4px 4px 4px 4px rgb(145, 247,  
250) }
```

# Background

The CSS property to change the background color of an element to YUV 216.8440, 16.3459, -63.0072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 247, 250) }
```

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

```
.background{ background-color: rgb(145,  
247, 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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