

# Converting Colors

YUV(216.2880, 6.2670,  
-50.2416)

Have a look what the booklet for  
YUV(216.2880, 6.2670, -50.2416)  
contains.

<b>YUV(216.2880, 6.2670, -50.2416)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(216.2880, 6.2670,  
-50.2416)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9FF3E5
RGB	159, 243, 229
RGB Percent	62%, 95%, 90%
CMY	0.3765, 0.0471, 0.1020
CMYK	0.35, 0.00, 0.06, 0.05
HSL	170°, 78%, 79%
HSV	170°, 35%, 95%
XYZ	60.4915, 77.1293, 85.8279
YIQ	216.2880, -45.5700, -22.1620

# Conversions

## Conversions Part 2

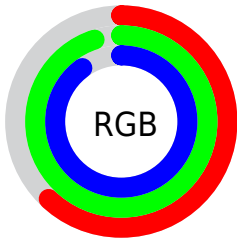
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	159, 205, 243
Decimal	10482661
CIE <sub>Lab</sub>	90.38, -28.45, -1.34
CIE <sub>LCh</sub>	90, 28.484, 182.687
Yxy	77.1293, 0.2707, 0.3452
Android (android.graphics.Color)	4288672741 (0xFF9FF3E5)
YUV	216.2880, 6.2670, -50.2416
Hunter-Lab	87.8233, -30.7422, 3.5333

# Details

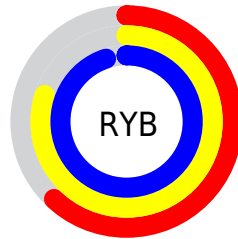
The YUV color **216.2880, 6.2670, -50.2416** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **185.7120, -6.2670, 50.2416**, and the grayscale version is **216.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.3390, 5.7489, -23.9763**, and **160.4020, 6.7038, -50.3416** is the 20% darker color. If you saturate the color by 10%, you get **208.6560, 8.0576, -64.5963**, and if you desaturate by 10%, it is **223.9200, 4.4764, -35.8868**.

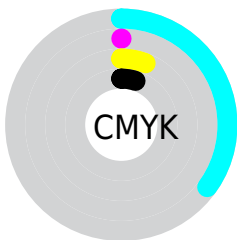
# Distribution



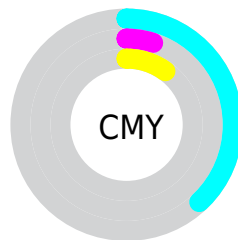
- Red (62%)
- Green (95%)
- Blue (90%)



- Red (62%)
- Yellow (80%)
- Blue (95%)



- Cyan (35%)
- Magenta (0%)
- Yellow (6%)
- Black (5%)



- Cyan (38%)
- Magenta (5%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 216.2880, 6.2670, -50.2416 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 216.2880, 6.2670, -50.2416 by changing the saturation by 10% instead.



 216.2880, 6.2670,  
-50.2416

 216.2880, 6.2670,  
-50.2416

255.0000, 0.0000,  
0.0000


 187.7010, 6.5564,  
-49.7268


 243.3390, 5.7489,  
-23.9763


 160.4020, 6.7038,  
-50.3416

 252.3090, 1.3267,  
-5.5330

 132.8150, 6.9932,  
-49.8268

 105.9180, 7.4354,  
-51.6711

 75.9600, 10.3727,  
-60.4779

 57.0430, 7.8668,  
-50.0267

 40.3330, 4.7658,

-35.3720

■ 25.0250, 1.9597,  
-21.9469

■ 2.3310, 1.3158,  
-2.0443

■ 216.2880, 6.2670,  
-50.2416

■ 216.2880, 6.2670,  
-50.2416

■ 208.6560, 8.0576,  
-64.5963

■ 223.9200, 4.4764,  
-35.8868

■ 200.7250, 9.9956,  
-79.5658

■ 231.8510, 2.5385,  
-20.9173

■ 193.0930, 11.7862,  
-93.9206

■ 239.4830, 0.7479,  
-6.5626

■ 185.4610, 13.5767,  
-108.2753

■ 246.8160, -0.8953,  
7.1774

■ 177.8290, 15.3673,  
-122.6300

■ 247.2720, 0.8519,  
6.7775

■ 169.8980, 17.3053,  
-137.5995

■ 247.7280, 2.5991,  
6.3775

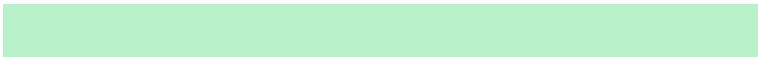
■ 165.6690, 17.9112,  
-145.2917

■ 247.9560, 3.4727,  
6.1776

# Harmonies

## Analogous

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



219.8100, -8.7803, -30.5284



216.2880, 6.2670, -50.2416



215.9740, 19.2398, -57.8592

# Triad

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



216.2880, 6.2670, -50.2416



228.4750, 13.0768, 5.7224



224.1440, -21.7630, 27.0607

# Complementary

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



216.2880, 6.2670, -50.2416



185.7120, -6.2670, 50.2416

# 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.



222.2010, -11.4381, 28.7647



216.2880, 6.2670, -50.2416



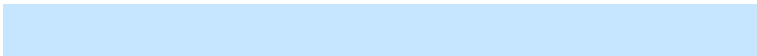
229.5310, 11.5702, 22.3363

# Square

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



216.2880, 6.2670, -50.2416



222.6950, 15.9264, -21.6575



224.1050, 0.9342, 27.0949



225.6390, -25.9510, 16.9796

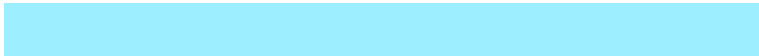


# Rectangle

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



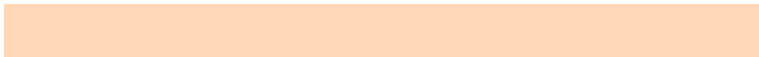
216.2880, 6.2670, -50.2416



216.3060, 19.0761, -52.0114



224.1050, 0.9342, 27.0949



223.5400, -19.0002, 27.5904

# Sweetspot

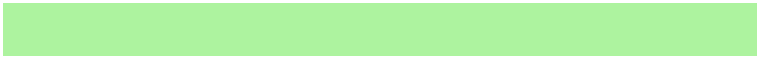
The Sweet Spot groups the original color and five complimentary colors.



216.2880, 6.2670, -50.2416



247.0690, 1.9380, -14.9695



212.4940, -26.3725, -34.6362



122.8740, 1.0481, -9.5365



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

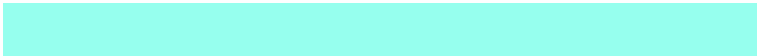


# Same Dimension

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



216.2880, 6.2670, -50.2416



221.6670, 8.0522, -62.8520



201.4480, 20.4851, -37.2269



118.1840, 0.8953, -7.1774



126.8520, 13.8770, -111.2492



40.2190, 4.3290, -35.2721



# Inverse Universe

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



185.7120, -6.2670, 50.2416



183.4470, -7.6154, 62.7520



200.5520, -20.4851, 37.2269



113.8160, -0.8953, 7.1774



59.1480, -13.8770, 111.2492

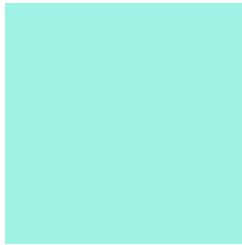


18.7810, -4.3290, 35.2721



# Previews

## White Background



This preview shows how the YUV color 216.2880, 6.2670, -50.2416 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

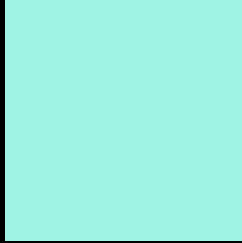
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 216.2880, 6.2670, -50.2416 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

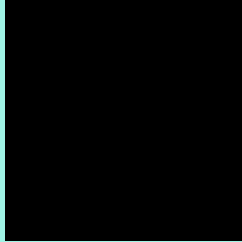
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

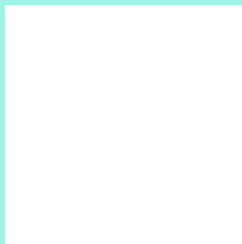
Any Text WCAG AAA ✓ Pass

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

# YUV 216.2880, 6.2670, -50.2416 Background



This preview shows how black text looks on a background with the YUV color 216.2880, 6.2670, -50.2416.



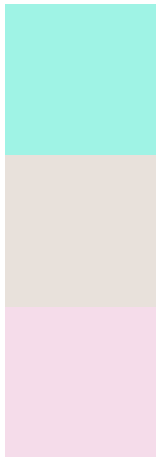
This preview shows how white text looks on a background with the YUV color 216.2880, 6.2670,

-50.2416.

# 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

216.2880, 6.2670, -50.2416

### Protanopia

226.4090, -3.6526, 4.9033

### Deuteranopia

229.0710, 2.4300, 13.9697



## **Tritanopia**

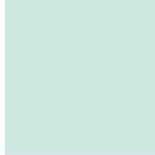
220.5030, 17.0070, -41.6601

# Trichromacy



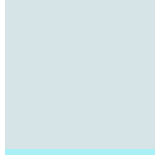
## Original Color

216.2880, 6.2670, -50.2416



## Protanomaly

222.9010, 0.0488, -15.6992



## Deuteranomaly

224.2700, 3.8109, -9.0068



## Tritanomaly

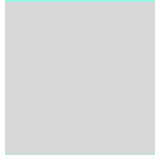
219.1560, 13.2341, -44.8638

# Monochromacy



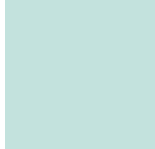
## Original Color

216.2880, 6.2670, -50.2416



## Achromatopsia

216.0000, 0.0000, 0.0000



## Achromatomaly

216.1610, 2.3856, -18.5582

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 216.2880, 6.2670, -50.2416 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(159, 243, 229)` looks like.

```
.text, #text, p{  
    color:rgb(159, 243, 229)  
}
```

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(159, 243, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 243, 229) }
```

## Border

The CSS property to change the border of an element to YUV 216.2880, 6.2670, -50.2416 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(159, 243, 229) }
```



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

```
.border{ border-color:rgb(159, 243, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 243, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 243, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 243, 229);  
box-shadow:4px 4px 4px 4px rgb(159, 243,  
229) }
```

# Background

The CSS property to change the background color of an element to YUV 216.2880, 6.2670, -50.2416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 243, 229) }
```

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

```
.background{ background-color: rgb(159,  
243, 229) }
```

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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