

# Converting Colors

YUV(221.2980, 7.7411,  
-56.3893)

Have a look what the booklet for  
YUV(221.2980, 7.7411, -56.3893)  
contains.

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# Color

**YUV(221.2980, 7.7411,  
-56.3893)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9DFBED
RGB	157, 251, 237
RGB Percent	62%, 98%, 93%
CMY	0.3843, 0.0157, 0.0706
CMYK	0.37, 0.00, 0.06, 0.02
HSL	171°, 92%, 80%
HSV	171°, 37%, 98%
XYZ	63.6879, 82.2769, 92.6451
YIQ	221.2980, -51.5300, -24.2820

# Conversions

## Conversions Part 2

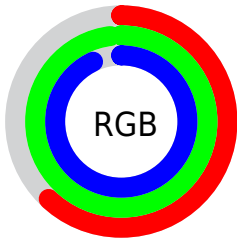
<b>Format</b>	<b>Color</b>
<b>RYB</b>	157, 208, 251
Decimal	10353645
CIELab	92.70, -30.99, -2.11
CIELCh	93, 31.061, 183.894
Yxy	82.2769, 0.2669, 0.3448
Android (android.graphics.Color)	4288543725 (0xFF9DFBED)
YUV	221.2980, 7.7411, -56.3893
Hunter-Lab	90.7066, -33.4063, 2.9375

# Details

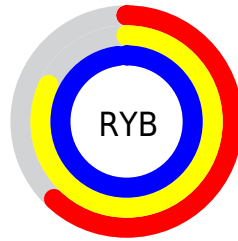
The YUV color **221.2980, 7.7411, -56.3893** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **186.7020, -7.7411, 56.3893**, and the grayscale version is **221.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.0400, 5.8963, -24.5911**, and **164.4120, 8.1779, -56.4893** is the 20% darker color. If you saturate the color by 10%, you get **213.3670, 9.6791, -71.3589**, and if you desaturate by 10%, it is **229.2290, 5.8031, -41.4198**.

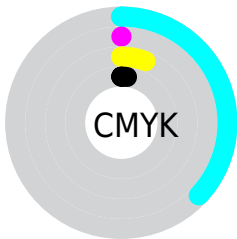
# Distribution



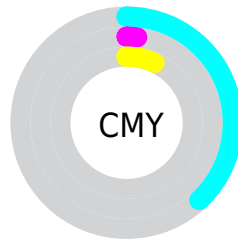
- Red (62%)
- Green (98%)
- Blue (93%)



- Red (62%)
- Yellow (82%)
- Blue (98%)



- Cyan (37%)
- Magenta (0%)
- Yellow (6%)
- Black (2%)



- Cyan (38%)
- Magenta (2%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 221.2980, 7.7411, -56.3893 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 221.2980, 7.7411, -56.3893 by changing the saturation by 10% instead.



221.2980, 7.7411,  
-56.3893

221.2980, 7.7411,  
-56.3893

255.0000, 0.0000,  
0.0000

192.7110, 8.0305,  
-55.8745

243.0400, 5.8963,  
-24.5911

164.4120, 8.1779,  
-56.4893

251.7110, 1.6215,  
-6.7625

137.1130, 8.3253,  
-57.1041

108.7320, 9.4991,  
-60.2780

78.6600, 11.9996,  
-68.9848

61.2490, 8.7512,  
-53.7154

44.6530, 6.0871,

-39.1607

■ 28.6440, 3.1335,  
-25.1208

■ 11.5750, 1.1955,  
-10.1513

■ 221.2980, 7.7411,  
-56.3893

■ 221.2980, 7.7411,  
-56.3893

■ 213.3670, 9.6791,  
-71.3589

■ 229.2290, 5.8031,  
-41.4198

■ 205.5500, 12.0539,  
-86.4283

■ 237.0460, 3.4283,  
-26.3503

■ 197.6190, 13.9918,  
-101.3979

■ 244.9770, 1.4903,  
-11.3808

■ 189.6880, 15.9298,  
-116.3674

■ 252.3100, -0.1528,  
2.3591

■ 181.4580, 18.0152,  
-131.9517

■ 252.6520, 1.1576,  
2.0592

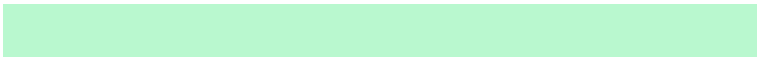
■ 173.6410, 20.3900,  
-147.0212

■ 171.7330, 20.8376,  
-150.6098

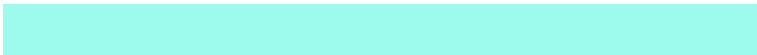
# Harmonies

## Analogous

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



224.4890, -8.6221, -34.6319



221.2980, 7.7411, -56.3893



219.7730, 17.3669, -63.8219

# Triad

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



221.2980, 7.7411, -56.3893



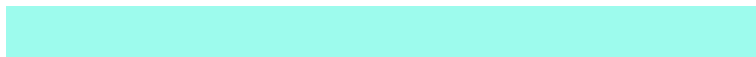
234.1010, 10.3032, 8.6814



227.7800, -23.0625, 23.8719

# Complementary

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



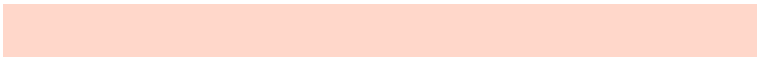
221.2980, 7.7411, -56.3893



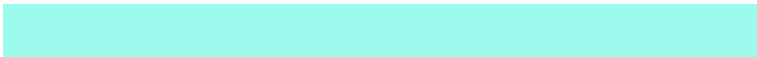
186.7020, -7.7411, 56.3893

# 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.



225.4780, -11.5747, 25.8908



221.2980, 7.7411, -56.3893



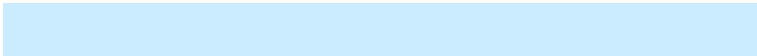
232.1070, 11.2862, 20.0772

# Square

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



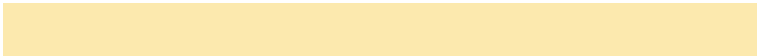
221.2980, 7.7411, -56.3893



227.7120, 13.4530, -21.6724



227.0230, 1.9607, 24.5358

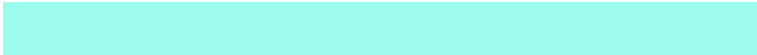


231.9550, -28.5718, 17.5795



# Rectangle

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



221.2980, 7.7411, -56.3893



220.1160, 17.1978, -56.2297



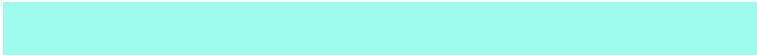
227.0230, 1.9607, 24.5358



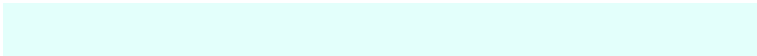
226.7030, -19.5736, 24.8165

# Sweetspot

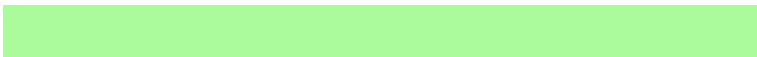
The Sweet Spot groups the original color and five complimentary colors.



221.2980, 7.7411, -56.3893



246.1720, 2.3802, -16.8138



216.3640, -29.2665, -39.7842



122.5750, 1.1955, -10.1513



0.0000, 0.0000, 0.0000

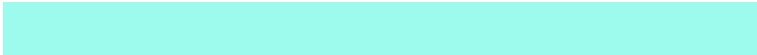


128.0000, 0.0000, 0.0000

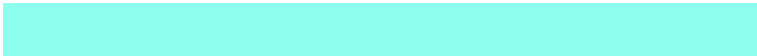


# Same Dimension

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



221.2980, 7.7411, -56.3893



218.6770, 9.5262, -68.9997



203.5230, 23.4062, -40.8007



120.8850, 1.0427, -7.7921



129.2970, 15.6296, -113.3935



41.7350, 5.0606, -36.6016



# Inverse Universe

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



186.7020, -7.7411, 56.3893



176.3230, -9.5262, 68.9997



204.4770, -23.4062, 40.8007



116.1150, -1.0427, 7.7921



59.7030, -15.6296, 113.3935

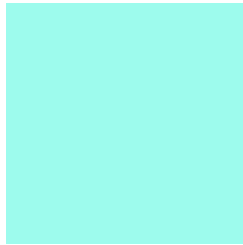


19.2650, -5.0606, 36.6016



# Previews

## White Background



This preview shows how the YUV color 221.2980, 7.7411, -56.3893 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

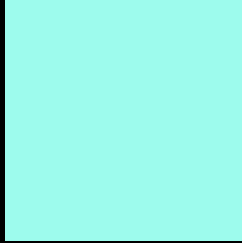
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 221.2980, 7.7411, -56.3893 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 221.2980, 7.7411, -56.3893

## Background



This preview shows how black text looks on a background with the YUV color 221.2980, 7.7411, -56.3893.



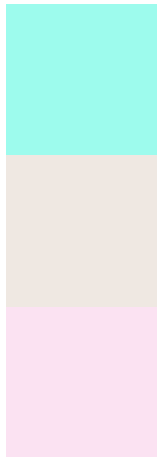
This preview shows how white text looks on a background with the YUV color 221.2980, 7.7411, -56.3893.

-56.3893.

# 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

221.2980, 7.7411, -56.3893

### Protanopia

233.4090, -3.6526, 4.9033

### Deuteranopia

235.2990, 3.3036, 13.7698



## Tritanopia

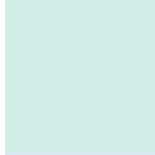
228.8310, 12.9013, -31.4238

# Trichromacy



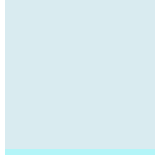
## Original Color

221.2980, 7.7411, -56.3893



## Protanomaly

229.0040, 0.4910, -17.5435



## Deuteranomaly

230.1880, 4.8373, -11.5659



## Tritanomaly

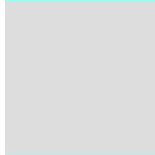
225.9070, 10.8918, -40.2604

# Monochromacy



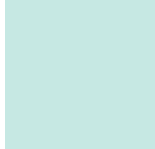
## Original Color

221.2980, 7.7411, -56.3893



## Achromatopsia

221.0000, 0.0000, 0.0000



## Achromatomaly

221.2640, 2.8278, -20.4025

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 221.2980, 7.7411, -56.3893 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(157, 251, 237)` looks like.

```
.text, #text, p{  
    color:rgb(157, 251, 237)  
}
```

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(157, 251, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 251, 237) }
```

## Border

The CSS property to change the border of an element to YUV 221.2980, 7.7411, -56.3893 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(157, 251, 237) }
```



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

```
.border{ border-color:rgb(157, 251, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 251, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 251, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 251, 237);  
box-shadow:4px 4px 4px 4px rgb(157, 251,  
237) }
```

# Background

The CSS property to change the background color of an element to YUV 221.2980, 7.7411, -56.3893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 251, 237) }
```

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

```
.background{ background-color: rgb(157,  
251, 237) }
```

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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