

# Converting Colors

YUV(213.2980, 7.7411,  
-56.3893)

Have a look what the booklet for  
YUV(213.2980, 7.7411, -56.3893)  
contains.

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# Color

**YUV(213.2980, 7.7411,  
-56.3893)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	95F3E5
RGB	149, 243, 229
RGB Percent	58%, 95%, 90%
CMY	0.4157, 0.0471, 0.1020
CMYK	0.39, 0.00, 0.06, 0.05
HSL	171°, 80%, 77%
HSV	171°, 39%, 95%
XYZ	58.5879, 76.1479, 85.7388
YIQ	213.2980, -51.5300, -24.2820

# Conversions

## Conversions Part 2

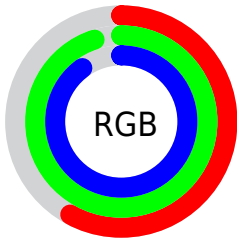
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	149, 200, 243
Decimal	9827301
CIE Lab	89.93, -31.06, -2.05
CIE LCh	90, 31.127, 183.781
Yxy	76.1479, 0.2657, 0.3454
Android (android.graphics.Color)	4288017381 (0xFF95F3E5)
YUV	213.2980, 7.7411, -56.3893
Hunter-Lab	87.2628, -32.8656, 2.8293

# Details

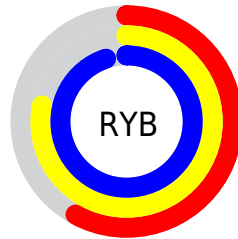
The YUV color **213.2980, 7.7411, -56.3893** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **178.7020, -7.7411, 56.3893**, and the grayscale version is **213.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.6480, 7.0755, -29.5093**, and **156.5260, 8.6147, -56.5893** is the 20% darker color. If you saturate the color by 10%, you get **205.6660, 9.5317, -70.7441**, and if you desaturate by 10%, it is **220.9300, 5.9505, -42.0346**.

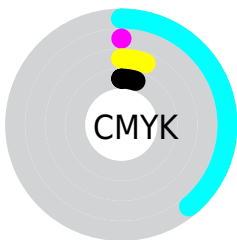
# Distribution



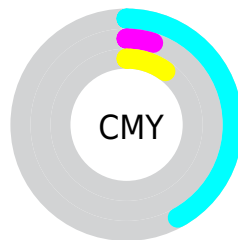
- Red (58%)
- Green (95%)
- Blue (90%)



- Red (58%)
- Yellow (78%)
- Blue (95%)



- Cyan (39%)
- Magenta (0%)
- Yellow (6%)
- Black (5%)



- Cyan (42%)
- Magenta (5%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 213.2980, 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 213.2980, 7.7411, -56.3893 by changing the saturation by 10% instead.



213.2980, 7.7411,  
-56.3893

213.2980, 7.7411,  
-56.3893

255.0000, 0.0000,  
0.0000

184.7110, 8.0305,  
-55.8745

240.6480, 7.0755,  
-29.5093

156.5260, 8.6147,  
-56.5893

249.3190, 2.8007,  
-11.6808

128.9280, 8.9095,  
-57.8189

100.5360, 10.0888,  
-62.7371

73.8670, 11.4046,  
-64.7814

56.4560, 8.1562,  
-49.5119

40.3330, 4.7658,

-35.3720

■ 25.0250, 1.9597,  
-21.9469

■ 0.5700, 2.1840,  
-0.4999

■ 213.2980, 7.7411,  
-56.3893

■ 213.2980, 7.7411,  
-56.3893

■ 205.6660, 9.5317,  
-70.7441

■ 220.9300, 5.9505,  
-42.0346

■ 197.8490, 11.9064,  
-85.8136

■ 228.7470, 3.5757,  
-26.9651

■ 190.2170, 13.6970,  
-100.1683

■ 236.3790, 1.7852,  
-12.6104

■ 182.6990, 15.9244,  
-114.6230

■ 243.8970, -0.4422,  
1.8443

■ 175.0670, 17.7150,  
-128.9778

■ 247.0440, -0.0217,  
6.9774

■ 167.1360, 19.6530,  
-143.9473

■ 247.5000, 1.7255,  
6.5775

■ 166.2390, 20.0952,  
-145.7916

■ 247.8420, 3.0359,  
6.2776

■ 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.



216.7880, -8.7695, -34.0171



213.2980, 7.7411, -56.3893



212.3860, 21.0087, -65.2365

# Triad

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



213.2980, 7.7411, -56.3893



227.0130, 13.7976, 7.8816



222.2860, -23.8050, 28.6902

# Complementary

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



213.2980, 7.7411, -56.3893



178.7020, -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.



219.8700, -12.7539, 30.8090



213.2980, 7.7411, -56.3893



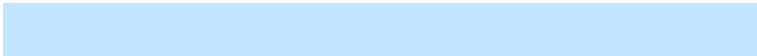
227.1830, 12.7278, 24.3955

# Square

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



213.2980, 7.7411, -56.3893



221.2110, 16.6580, -22.9870



222.0020, 0.4920, 28.9392



224.0690, -28.1350, 17.4795

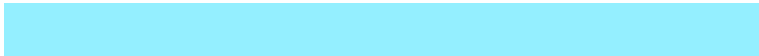


# Rectangle

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



213.2980, 7.7411, -56.3893



213.6150, 20.4028, -57.5444



222.0020, 0.4920, 28.9392



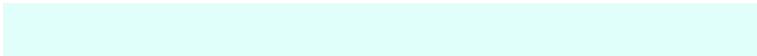
221.0950, -20.7528, 29.7347

# Sweetspot

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



213.2980, 7.7411, -56.3893



245.1610, 2.3856, -18.5582



208.3640, -29.2665, -39.7842



122.2760, 1.3429, -10.7661



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

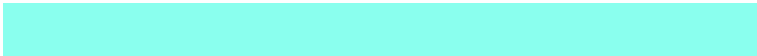


# Same Dimension

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



213.2980, 7.7411, -56.3893



218.0790, 9.8211, -70.2293



195.5230, 23.4062, -40.8007



118.2980, 1.3321, -7.2773



127.1940, 15.1874, -111.5491



40.3330, 4.7658, -35.3720



# Inverse Universe

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



178.7020, -7.7411, 56.3893



174.9210, -9.8211, 70.2293



196.4770, -23.4062, 40.8007



113.8160, -0.8953, 7.1774



58.8060, -15.1874, 111.5491

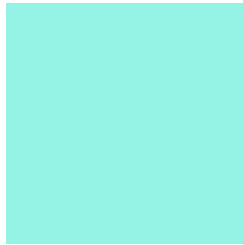


18.6670, -4.7658, 35.3720



# Previews

## White Background



This preview shows how the YUV color 213.2980, 7.7411, -56.3893 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

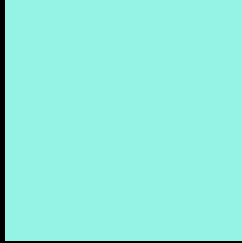
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 213.2980, 7.7411, -56.3893 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

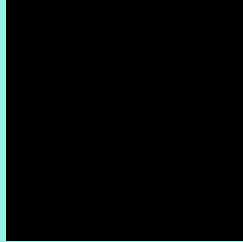
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 213.2980, 7.7411, -56.3893

## Background



This preview shows how black text looks on a background with the YUV color 213.2980, 7.7411, -56.3893.



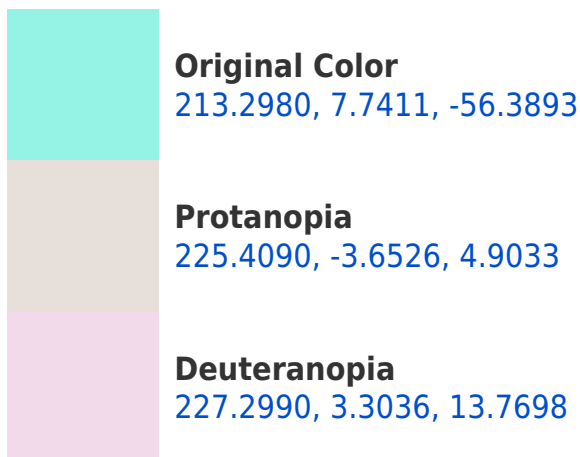
This preview shows how white text looks on a background with the YUV color 213.2980, 7.7411, -56.3893.

-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





## Tritanopia

217.2250, 18.6231, -46.6783

# Trichromacy



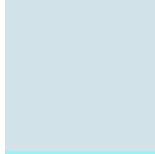
## Original Color

213.2980, 7.7411, -56.3893



## Protanomaly

221.0040, 0.4910, -17.5435



## Deuteranomaly

222.1880, 4.8373, -11.5659



## Tritanomaly

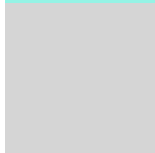
215.8780, 14.8501, -49.8820

# Monochromacy



## Original Color

213.2980, 7.7411, -56.3893



## Achromatopsia

213.0000, 0.0000, 0.0000



## Achromatomaly

213.2640, 2.8278, -20.4025

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 213.2980, 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(149, 243, 229)` looks like.

```
.text, #text, p{  
    color:rgb(149, 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(149, 243, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 243, 229) }
```

## Border

The CSS property to change the border of an element to YUV 213.2980, 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(149, 243, 229) }
```



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

```
.border{ border-color:rgb(149, 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(149, 243, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 243, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 243, 229);  
box-shadow:4px 4px 4px 4px rgb(149, 243,  
229) }
```

# Background

The CSS property to change the background color of an element to YUV 213.2980, 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(149, 243, 229) }
```

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

```
.background{ background-color: rgb(149,  
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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