

# Converting Colors

YUV(210.1110, 18.1863,  
-46.5783)

Have a look what the booklet for  
YUV(210.1110, 18.1863, -46.5783)  
contains.

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# Color

**YUV(210.1110, 18.1863,  
-46.5783)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9DE6F7
RGB	157, 230, 247
RGB Percent	62%, 90%, 97%
CMY	0.3843, 0.0980, 0.0314
CMYK	0.36, 0.07, 0.00, 0.03
HSL	191°, 85%, 79%
HSV	191°, 36%, 97%
XYZ	58.9899, 70.4771, 98.4900
YIQ	210.1110, -48.9650, -10.1890

# Conversions

## Conversions Part 2

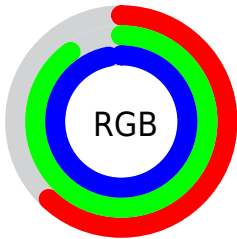
Format	Color
R <sub>Y</sub> B	157, 197, 247
Decimal	10348279
CIE Lab	87.23, -18.46, -15.44
CIE LCh	87, 24.066, 219.907
Yxy	70.4771, 0.2588, 0.3092
Android (android.graphics.Color)	4288538359 (0xFF9DE6F7)
YUV	210.1110, 18.1863, -46.5783
Hunter-Lab	83.9507, -21.4863, -10.7929

# Details

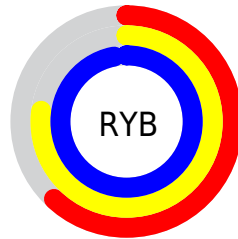
The YUV color  $210.1110, 18.1863, -46.5783$  is a light color, and the websafe version is hex  $99CCCC$ . A complement of this color would be  $193.8890, -18.1863, 46.5783$ , and the grayscale version is  $210.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $242.7410, 6.0437, -25.2059$ , and  $154.1110, 18.1863, -46.5783$  is the 20% darker color. If you saturate the color by 10%, you get  $199.7010, 23.3184, -59.3738$ , and if you desaturate by 10%, it is  $220.5210, 13.0541, -33.7829$ .

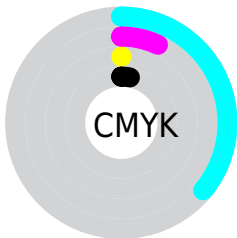
# Distribution



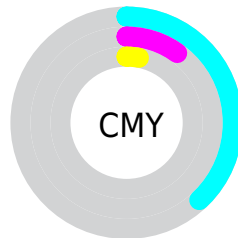
- Red (62%)
- Green (90%)
- Blue (97%)



- Red (62%)
- Yellow (77%)
- Blue (97%)



- Cyan (36%)
- Magenta (7%)
- Yellow (0%)
- Black (3%)



- Cyan (38%)
- Magenta (10%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 210.1110, 18.1863, -46.5783 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 210.1110, 18.1863, -46.5783 by changing the saturation by 10% instead.



210.1110, 18.1863,  
-46.5783

210.1110, 18.1863,  
-46.5783

255.0000, 0.0000,  
0.0000

181.9970, 17.7495,  
-46.4784

242.7410, 6.0437,  
-25.2059

154.1110, 18.1863,  
-46.5783

251.7110, 1.6215,  
-6.7625

127.3990, 18.0443,  
-47.7079

100.0890, 18.1971,  
-50.0671

69.7070, 20.8504,  
-61.1330

52.7690, 16.8759,  
-46.2784

36.6460, 13.4855,

-32.1385

■ 22.3980, 9.6638,  
-19.6430

■ 3.0950, 9.3202,  
-2.7143

■ 210.1110, 18.1863,  
-46.5783

■ 210.1110, 18.1863,  
-46.5783

■ 199.7010, 23.3184,  
-59.3738

■ 220.5210, 13.0541,  
-33.7829

■ 190.1770, 28.0137,  
-72.0692

■ 230.0450, 8.3588,  
-21.0875

■ 179.7670, 33.1459,  
-84.8647

■ 240.4550, 3.2267,  
-8.2920

■ 169.3570, 38.2780,  
-97.6601

■ 250.5660, -1.7580,  
3.8886

■ 159.8330, 42.9733,  
-110.3555

■ 252.9140, -2.9156,  
1.8294

■ 149.4230, 48.1055,  
-123.1510

■ 254.0880, -3.4944,  
0.7998

■ 145.5580, 50.0109,  
-127.6544

# Harmonies

## Analogous

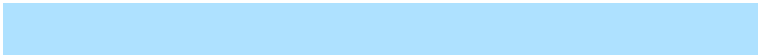
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



209.4890, 8.1399, -44.2789



210.1110, 18.1863, -46.5783



213.1710, 20.6217, -34.3530

# Triad

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



210.1110, 18.1863, -46.5783



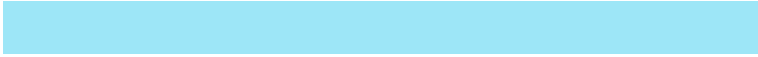
222.7830, 6.0230, 28.2543



216.5610, -20.9826, 10.0320

# Complementary

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



210.1110, 18.1863, -46.5783



193.8890, -18.1863, 46.5783

# 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.



219.2580, -21.3262, 26.9607



210.1110, 18.1863, -46.5783



218.9870, -3.4446, 31.5834

# Square

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



210.1110, 18.1863, -46.5783



221.5940, 15.9762, 9.1261



218.2400, -13.9223, 32.2385



213.9220, -15.2445, -10.4556



# Rectangle

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



210.1110, 18.1863, -46.5783



216.2050, 19.1259, -21.2278



218.2400, -13.9223, 32.2385



217.6650, -22.0198, 16.0798

# Sweetspot

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



210.1110, 18.1863, -46.5783



243.6930, 5.5744, -14.6398



211.6540, -19.0564, -47.9316



120.5690, 3.6635, -8.3920



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

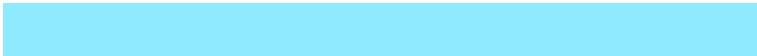


# Same Dimension

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



210.1110, 18.1863, -46.5783



209.1850, 22.5868, -58.0442



184.2830, 30.9195, -23.9272



117.2380, 2.3477, -6.3477



109.8410, 37.5464, -96.3306



34.9020, 11.8803, -30.6091



# Inverse Universe

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



192.2320, 18.6196, 48.0315



186.8620, 23.2390, 59.7570



220.3040, -31.2089, 23.4124



114.7280, 2.5991, 6.3775



72.8280, 38.5388, 99.2518

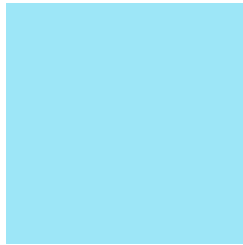


23.1130, 12.2693, 31.4729



# Previews

## White Background



This preview shows how the YUV color 210.1110, 18.1863, -46.5783 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

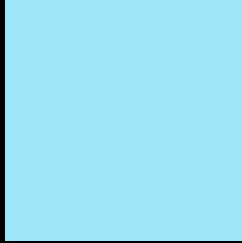
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 210.1110, 18.1863, -46.5783 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 210.1110, 18.1863, -46.5783 Background



This preview shows how black text looks on a background with the YUV color 210.1110, 18.1863, -46.5783.



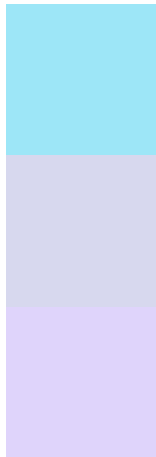
This preview shows how white text looks on a background with the YUV color 210.1110, 18.1863, -46.5783.

-46.5783.

# 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

210.1110, 18.1863, -46.5783

### Protanopia

218.2090, 9.7570, -2.8143

### Deuteranopia

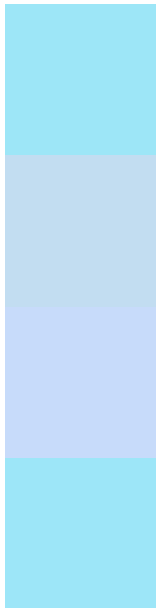
219.7350, 15.4136, 2.8634



## Tritanopia

210.2250, 18.6231, -46.6783

# Trichromacy



**Original Color**

210.1110, 18.1863, -46.5783

**Protanomaly**

215.2070, 12.7159, -18.5985

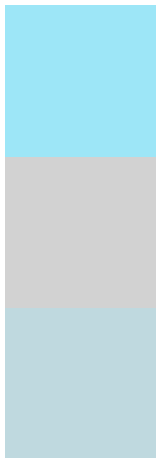
**Deuteranomaly**

216.5540, 16.4889, -15.3949

**Tritanomaly**

210.2250, 18.6231, -46.6783

# Monochromacy



**Original Color**

210.1110, 18.1863, -46.5783

**Achromatopsia**

210.0000, 0.0000, 0.0000

**Achromatomaly**

209.9100, 6.4534, -16.5841

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 210.1110, 18.1863, -46.5783 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, 230, 247)` looks like.

```
.text, #text, p{  
    color:rgb(157, 230, 247)  
}
```

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, 230, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 230, 247) }
```

## Border

The CSS property to change the border of an element to YUV 210.1110, 18.1863, -46.5783 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, 230, 247) }
```



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

```
.border{ border-color:rgb(157, 230, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 230, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 230, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 230, 247);  
box-shadow:4px 4px 4px 4px rgb(157, 230,  
247) }
```

# Background

The CSS property to change the background color of an element to YUV 210.1110, 18.1863, -46.5783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 230, 247) }
```

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

```
.background{ background-color: rgb(157,  
230, 247) }
```

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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