

# Converting Colors

YUV(113.9150, 48.8489,  
-81.4865)

Have a look what the booklet for  
YUV(113.9150, 48.8489, -81.4865)  
contains.

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# Color

**YUV(113.9150, 48.8489,  
-81.4865)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	158ED5
RGB	21, 142, 213
RGB Percent	8%, 56%, 84%
CMY	0.9176, 0.4431, 0.1647
CMYK	0.90, 0.33, 0.00, 0.16
HSL	202°, 82%, 46%
HSV	202°, 90%, 84%
XYZ	21.9925, 24.3095, 66.4839
YIQ	113.9150, -94.9070, -3.5710

# Conversions

## Conversions Part 2

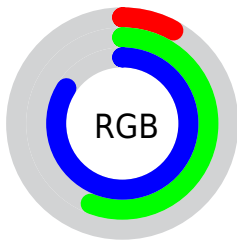
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	21, 95, 213
Decimal	1412821
CIE Lab	56.40, -5.09, -44.85
CIE LCh	56, 45.141, 263.522
Yxy	24.3095, 0.1950, 0.2155
Android (android.graphics.Color)	4279602901 (0xFF158ED5)
YUV	113.9150, 48.8489, -81.4865
Hunter-Lab	49.3047, -6.6628, -45.4351

# Details

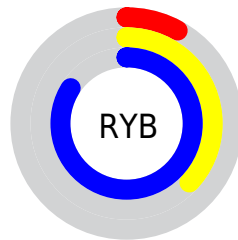
The YUV color **113.9150, 48.8489, -81.4865** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **120.0850, -48.8489, 81.4865**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.2290, 39.3271, -60.7138**, and **72.0160, 42.3901, -63.1580** is the 20% darker color. If you saturate the color by 10%, you get **102.9400, 54.2596, -90.2784**, and if you desaturate by 10%, it is **124.8900, 43.4382, -72.6945**.

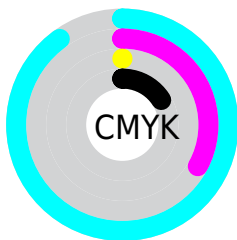
# Distribution



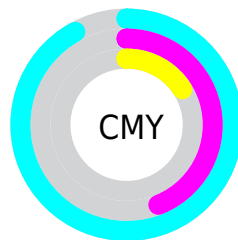
- Red (8%)
- Green (56%)
- Blue (84%)



- Red (8%)
- Yellow (37%)
- Blue (84%)



- Cyan (90%)
- Magenta (33%)
- Yellow (0%)
- Black (16%)



- Cyan (92%)
- Magenta (44%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 113.9150, 48.8489, -81.4865 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 113.9150, 48.8489, -81.4865 by changing the saturation by 10% instead.



■ 113.9150, 48.8489,  
-81.4865

■ 113.9150, 48.8489,  
-81.4865

255.0000, 0.0000,  
0.0000

■ 89.7690, 46.9489,  
-78.7274

■ 175.2290, 39.3271,  
-60.7138

■ 72.0160, 42.3901,  
-63.1580

■ 201.2330, 26.5071,  
-55.4553

■ 55.4370, 37.2526,  
-48.6182

■ 227.2260, 13.6926,  
-51.9412

■ 39.6730, 32.6992,  
-34.7932

■ 238.2560, 8.2548,  
-34.4275

■ 25.0830, 27.5671,  
-21.9978

■ 247.5250, 3.6852,  
-15.3694

■ 9.5470, 23.8873,  
-8.3727

■ 5.1640, 14.7091,

-4.5288

■ 1.1400, 4.3680,  
-0.9998

■ 0.0000, 0.0000,  
0.0000

■ 113.9150, 48.8489,  
-81.4865

■ 113.9150, 48.8489,  
-81.4865

■ 102.9400, 54.2596,  
-90.2784

■ 124.8900, 43.4382,  
-72.6945

■ 136.1640, 37.8801,  
-63.2878

■ 147.1390, 32.4695,  
-54.4959

■ 158.1140, 27.0588,  
-45.7040

■ 168.8010, 21.7901,  
-35.7825

■ 179.7760, 16.3794,  
-26.9906

■ 190.7510, 10.9688,  
-18.1986

■ 201.7260, 5.5581,  
-9.4067

■ 213.0000, 0.0000,  
0.0000

# Harmonies

## Analogous

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



111.2090, 42.7880, -97.5303



113.9150, 48.8489, -81.4865



135.8100, 35.0967, -10.3574

# Triad

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



113.9150, 48.8489, -81.4865



135.3240, -14.4567, 63.7369



121.5890, -17.0524, -37.3506

# Complementary

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



113.9150, 48.8489, -81.4865



120.0850, -48.8489, 81.4865

# 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.



128.1670, -33.6063, -1.0235



113.9150, 48.8489, -81.4865



134.4200, -30.2801, 52.2517

# Square

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



113.9150, 48.8489, -81.4865



137.1010, 3.8942, 57.7934



131.8010, -38.3559, 29.1155



104.6480, 10.0335, -91.7763



# Rectangle

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



113.9150, 48.8489, -81.4865



139.2930, 25.9846, 19.0370



131.8010, -38.3559, 29.1155



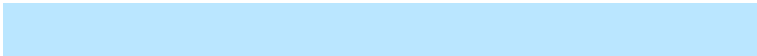
124.5430, -23.9317, -24.1552

# Sweetspot

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



113.9150, 48.8489, -81.4865



219.6940, 17.4059, -29.5496



141.6840, -24.9872, -105.8399



106.3490, 10.6739, -16.9691



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

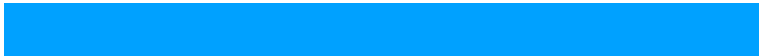


# Same Dimension

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



113.9150, 48.8489, -81.4865



123.5770, 64.7915, -108.3770



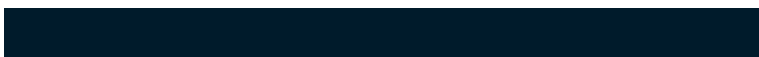
58.1500, 76.3411, -32.5805



101.3630, 2.7790, -4.7034



82.8900, 43.4382, -72.6945



20.7510, 10.9688, -18.1986



# Inverse Universe

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



92.2020, 24.5504, 105.9398



94.5990, 32.7357, 140.6717



175.8500, -76.3410, 32.5806



100.0870, 1.4361, 6.0627



63.4410, 21.9676, 94.3292



15.9350, 5.4550, 23.7360



# Previews

## White Background



This preview shows how the YUV color 113.9150, 48.8489, -81.4865 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 113.9150, 48.8489, -81.4865 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

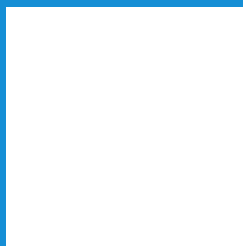
Any Text WCAG AAA × Fail

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

# YUV 113.9150, 48.8489, -81.4865 Background



This preview shows how black text looks on a background with the YUV color 113.9150, 48.8489, -81.4865.



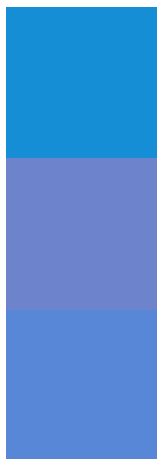
This preview shows how white text looks on a background with the YUV color 113.9150, 48.8489, -81.4865.



# 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

113.9150, 48.8489, -81.4865

### Protanopia

133.3310, 34.8398, -21.3383

### Deuteranopia

130.0670, 41.8720, -36.8928



## Tritanopia

105.7030, 26.7684, -92.7015

# Trichromacy



## Original Color

113.9150, 48.8489, -81.4865

## Protanomaly

126.4530, 39.7097, -43.3703

## Deuteranomaly

124.5380, 44.1048, -53.0918

## Tritanomaly

108.5000, 34.7565, -88.1385

# Monochromacy



## Original Color

113.9150, 48.8489, -81.4865

## Achromatopsia

114.0000, 0.0000, 0.0000

## Achromatomaly

113.8080, 17.8427, -29.6496

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 113.9150, 48.8489, -81.4865 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(21, 142, 213)` looks like.

```
.text, #text, p{  
    color:rgb(21, 142, 213)  
}
```

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(21, 142, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 142, 213) }
```

## Border

The CSS property to change the border of an element to YUV 113.9150, 48.8489, -81.4865 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".

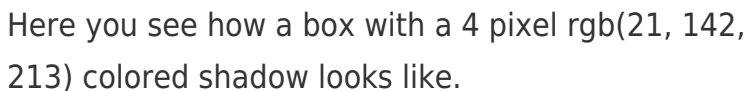
```
.border, #border, table{ border:4px solid rgb(21, 142, 213) }
```



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

```
.border{ border-color:rgb(21, 142, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(21, 142, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 142, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 142, 213);  
box-shadow:4px 4px 4px 4px rgb(21, 142,  
213) }
```

# Background

The CSS property to change the background color of an element to YUV 113.9150, 48.8489, -81.4865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 142, 213) }
```

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

```
.background{ background-color: rgb(21, 142,  
213) }
```

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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