

# Converting Colors

YUV(134.6630, 47.4941,  
-113.7145)

Have a look what the booklet for  
YUV(134.6630, 47.4941, -113.7145)  
contains.

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# Color

**YUV(134.6630, 47.4941,  
-113.7145)**

# Conversions

## Conversions Part 1

Format	Color
Hex	05B6E7
RGB	5, 182, 231
RGB Percent	2%, 71%, 91%
CMY	0.9804, 0.2863, 0.0941
CMYK	0.98, 0.21, 0.00, 0.09
HSL	193°, 96%, 46%
HSV	193°, 98%, 91%
XYZ	31.2143, 39.2577, 81.5336
YIQ	134.6630, -121.2210, -22.2850

# Conversions

## Conversions Part 2

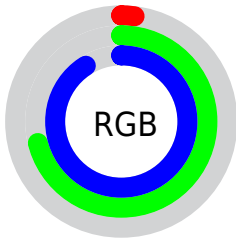
<b>Format</b>	<b>Color</b>
<b>RYB</b>	5, 104, 231
Decimal	374503
CIELab	68.94, -21.14, -35.17
CIELCh	69, 41.039, 238.987
Yxy	39.2577, 0.2053, 0.2583
Android (android.graphics.Color)	4278564583 (0xFF05B6E7)
YUV	134.6630, 47.4941, -113.7145
Hunter-Lab	62.6560, -20.7217, -33.2944

# Details

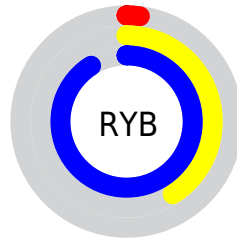
The YUV color **134.6630, 47.4941, -113.7145** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle washed azure. A complement of this color would be **101.3370, -47.4941, 113.7145**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.3670, 26.4411, -81.0059**, and **95.6730, 39.1082, -83.9052** is the 20% darker color. If you saturate the color by 10%, you get **132.5810, 48.5206, -116.2735**, and if you desaturate by 10%, it is **144.4750, 42.6568, -102.1486**.

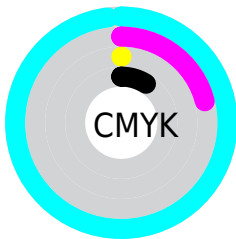
# Distribution



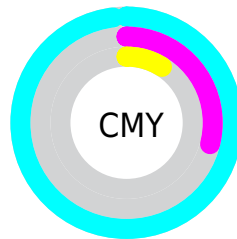
- Red (2%)
- Green (71%)
- Blue (91%)



- Red (2%)
- Yellow (41%)
- Blue (91%)



- Cyan (98%)
- Magenta (21%)
- Yellow (0%)
- Black (9%)



- Cyan (98%)
- Magenta (29%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 134.6630, 47.4941, -113.7145 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 134.6630, 47.4941, -113.7145 by changing the saturation by 10% instead.



134.6630, 47.4941,  
-113.7145

134.6630, 47.4941,  
-113.7145

255.0000, 0.0000,  
0.0000

114.1270, 43.8144,  
-100.0894

201.3670, 26.4411,  
-81.0059

95.6730, 39.1082,  
-83.9052

221.2130, 16.6570,  
-69.4698

77.9200, 34.5494,  
-68.3358

230.7810, 11.9400,  
-49.7969

60.8680, 30.1381,  
-53.3812

240.3490, 7.2229,  
-30.1241

43.9300, 26.1635,  
-38.5266

249.6180, 2.6533,  
-11.0660

29.4540, 21.4682,  
-25.8312

8.1620, 21.1191,

-7.1581

■ 4.4800, 12.0884,  
-3.9290

■ 0.0000, 0.0000,  
0.0000

■ 134.6630, 47.4941,  
-113.7145

■ 134.6630, 47.4941,  
-113.7145

■ 132.5810, 48.5206,  
-116.2735

■ 144.4750, 42.6568,  
-102.1486

■ 154.2870, 37.8195,  
-90.5827

■ 164.0990, 32.9822,  
-79.0168

■ 173.9110, 28.1449,  
-67.4509

■ 184.0220, 23.1602,  
-55.2703

■ 193.8340, 18.3228,  
-43.7044

■ 203.6460, 13.4855,  
-32.1385

■ 213.4580, 8.6482,  
-20.5727

■ 223.2700, 3.8109,  
-9.0068

# Harmonies

## Analogous

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



132.9110, 34.5539, -116.5629



134.6630, 47.4941, -113.7145



160.8440, 40.0099, -46.3442

# Triad

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



134.6630, 47.4941, -113.7145



171.9500, -0.4683, 57.0489



161.8720, -29.5169, -6.0267

# Complementary

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



134.6630, 47.4941, -113.7145



101.3370, -47.4941, 113.7145

# 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.



165.7510, -35.8662, 23.8974



134.6630, 47.4941, -113.7145



170.0910, -17.7929, 60.4332

# Square

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



134.6630, 47.4941, -113.7145



173.2860, 16.6210, 35.7062



168.2730, -30.7006, 47.1186



155.6040, -13.1158, -39.9947



# Rectangle

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



134.6630, 47.4941, -113.7145



168.5490, 34.2393, -15.3905



168.2730, -30.7006, 47.1186



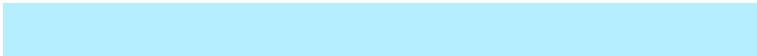
162.7270, -32.8964, 4.6244

# Sweetspot

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



134.6630, 47.4941, -113.7145



223.4820, 15.5384, -37.2567



143.2480, -43.9993, -121.2435



108.6750, 9.5272, -22.5170



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.



134.6630, 47.4941, -113.7145



146.4700, 53.5053, -128.4542



68.3320, 80.1953, -55.5422



109.6510, 2.6371, -5.8329



102.5860, 37.6721, -89.9679



29.2940, 10.7011, -25.6908



# Inverse Universe

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



92.7520, 43.9993, 121.2435



99.0450, 49.7708, 136.7725



167.6680, -80.1953, 55.5422



107.6140, 2.1623, 6.4775



69.4810, 34.7659, 96.0482

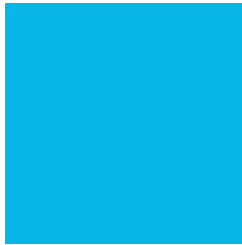


19.8090, 9.9542, 27.3545



# Previews

## White Background



This preview shows how the YUV color 134.6630, 47.4941, -113.7145 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

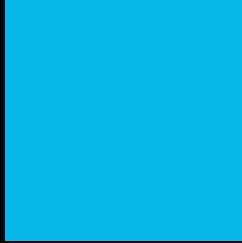
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 134.6630, 47.4941, -113.7145 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

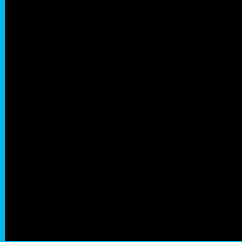
Any Text WCAG AA ✓ Pass

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 134.6630, 47.4941, -113.7145 Background



This preview shows how black text looks on a background with the YUV color 134.6630, 47.4941, -113.7145.



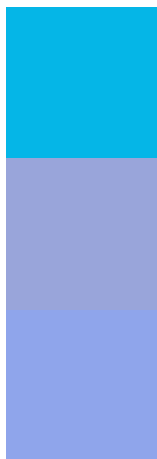
This preview shows how white text looks on a background with the YUV color 134.6630, 47.4941, -113.7145.



# 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

134.6630, 47.4941, -113.7145

### Protanopia

167.4540, 24.9192, -12.6762

### Deuteranopia

166.4020, 33.8188, -20.5236



## Tritanopia

131.9820, 33.5329, -115.7482

# Trichromacy



## Original Color

134.6630, 47.4941, -113.7145

## Protanomaly

155.4000, 33.3268, -49.4628

## Deuteranomaly

154.8600, 39.0160, -54.2512

## Tritanomaly

133.2470, 38.3322, -115.1036

# Monochromacy



## Original Color

134.6630, 47.4941, -113.7145

## Achromatopsia

135.0000, 0.0000, 0.0000

## Achromatomaly

134.9160, 17.2964, -41.1453

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 134.6630, 47.4941, -113.7145 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(5, 182, 231)` looks like.

```
.text, #text, p{  
    color:rgb(5, 182, 231)  
}
```

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(5, 182, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 182, 231) }
```

## Border

The CSS property to change the border of an element to YUV 134.6630, 47.4941, -113.7145 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(5, 182, 231) }
```



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

```
.border{ border-color:rgb(5, 182, 231) }
```

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

Here you see how a box with a 4 pixel rgb(5, 182, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 182, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 182, 231);  
box-shadow:4px 4px 4px 4px rgb(5, 182,  
231) }
```

# Background

The CSS property to change the background color of an element to YUV 134.6630, 47.4941, -113.7145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 182, 231) }
```

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

```
.background{ background-color: rgb(5, 182,  
231) }
```

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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