

# Converting Colors

YUV(134.7910, 36.5850,  
-114.7037)

Have a look what the booklet for  
YUV(134.7910, 36.5850, -114.7037)  
contains.

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# Color

**YUV(134.7910, 36.5850,  
-114.7037)**

# Conversions

## Conversions Part 1

Format	Color
Hex	04BBD1
RGB	4, 187, 209
RGB Percent	2%, 73%, 82%
CMY	0.9843, 0.2667, 0.1804
CMYK	0.98, 0.11, 0.00, 0.18
HSL	186°, 96%, 42%
HSV	186°, 98%, 82%
XYZ	29.3290, 40.1699, 66.5294
YIQ	134.7910, -116.1300, -31.9540

# Conversions

## Conversions Part 2

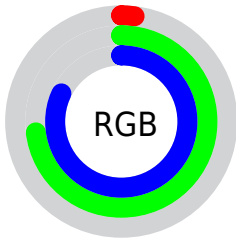
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	4, 101, 209
Decimal	310225
CIE <sub>Lab</sub>	69.59, -31.05, -22.14
CIE <sub>LCh</sub>	70, 38.136, 215.495
Yxy	40.1699, 0.2156, 0.2953
Android (android.graphics.Color)	4278500305 (0xFF04BBD1)
YUV	134.7910, 36.5850, -114.7037
Hunter-Lab	63.3797, -28.3135, -17.8706

# Details

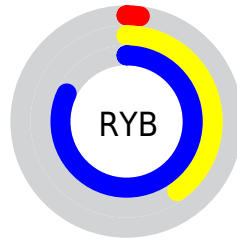
The YUV color **134.7910, 36.5850, -114.7037** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed azure. A complement of this color would be **78.2090, -36.5850, 114.7037**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.6930, 25.2944, -86.5538**, and **95.7410, 29.2147, -83.9649** is the 20% darker color. If you saturate the color by 10%, you get **133.5950, 37.1747, -117.1628**, and if you desaturate by 10%, it is **142.2440, 32.9107, -102.8230**.

# Distribution



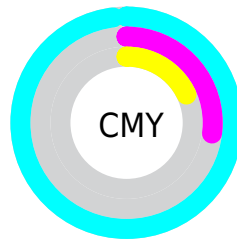
- Red (2%)
- Green (73%)
- Blue (82%)



- Red (2%)
- Yellow (40%)
- Blue (82%)



- Cyan (98%)
- Magenta (11%)
- Yellow (0%)
- Black (18%)



- Cyan (98%)
- Magenta (27%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 134.7910, 36.5850, -114.7037 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 134.7910, 36.5850, -114.7037 by changing the saturation by 10% instead.



134.7910, 36.5850,  
-114.7037

134.7910, 36.5850,  
-114.7037

255.0000, 0.0000,  
0.0000

114.5540, 32.7579,  
-100.4639

203.6930, 25.2944,  
-86.5538

95.7410, 29.2147,  
-83.9649

220.0170, 17.2466,  
-71.9289

78.1020, 25.0927,  
-68.4955

229.5850, 12.5296,  
-52.2560

60.4630, 20.9707,  
-53.0261

238.8540, 7.9600,  
-33.1980

43.6390, 17.4330,  
-38.2714

248.1230, 3.3904,  
-14.1399

28.6900, 13.4638,  
-25.1611

5.1640, 14.7091,

-4.5288

■ 1.1400, 4.3680,  
-0.9998

■ 0.0000, 0.0000,  
0.0000

■ 134.7910, 36.5850,  
-114.7037

■ 134.7910, 36.5850,  
-114.7037

■ 133.5950, 37.1747,  
-117.1628

■ 142.2440, 32.9107,  
-102.8230

■ 149.6970, 29.2364,  
-90.9423

■ 157.7370, 25.2727,  
-79.5763

■ 165.1900, 21.5983,  
-67.6956

■ 172.3440, 18.0714,  
-56.4297

■ 179.7970, 14.3971,  
-44.5490

■ 187.8370, 10.4334,  
-33.1830

■ 195.2900, 6.7590,  
-21.3023

■ 202.7430, 3.0847,  
-9.4216

# Harmonies

## Analogous

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



147.9360, 13.3426, -79.7509



134.7910, 36.5850, -114.7037



152.7280, 39.0811, -75.1835

# Triad

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



134.7910, 36.5850, -114.7037



174.4560, 12.1002, 39.0651



167.1030, -33.0818, 17.4497

# Complementary

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



134.7910, 36.5850, -114.7037



78.2090, -36.5850, 114.7037

# 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.



169.6420, -30.3895, 40.6560



134.7910, 36.5850, -114.7037



173.3150, -4.0993, 54.9747

# Square

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



134.7910, 36.5850, -114.7037



173.5150, 25.8751, 7.4413



171.3030, -19.3764, 54.9853



162.9790, -25.1326, -12.2596



# Rectangle

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



134.7910, 36.5850, -114.7037



162.7470, 37.0997, -46.2591



171.3030, -19.3764, 54.9853



167.8590, -32.9615, 25.5567

# Sweetspot

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



134.7910, 36.5850, -114.7037



228.1780, 13.2232, -41.3751



126.6150, -50.5892, -107.5334



111.6100, 8.0803, -25.0910



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.



134.7910, 36.5850, -114.7037



162.9060, 45.4023, -142.8686



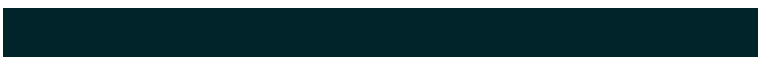
75.5040, 65.8135, -62.7090



100.5370, 2.2003, -5.7329



107.2020, 29.9734, -94.0162



25.8060, 7.4906, -22.6319



# Inverse Universe

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



86.1570, 49.7156, 107.7333



102.2370, 62.0012, 133.9732



137.4960, -65.8135, 62.7090



98.3150, 2.3097, 5.8627



67.3320, 40.7553, 88.2858

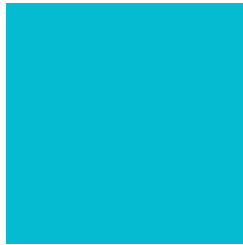


16.3630, 9.6810, 21.6066



# Previews

## White Background



This preview shows how the YUV color 134.7910, 36.5850, -114.7037 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

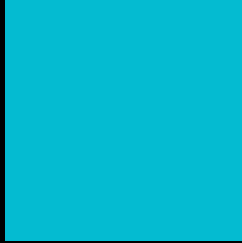
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 134.7910, 36.5850, -114.7037 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

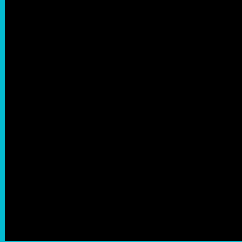
Any Text WCAG AA ✓ Pass

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 134.7910, 36.5850, -114.7037 Background



This preview shows how black text looks on a background with the YUV color 134.7910, 36.5850, -114.7037.



This preview shows how white text looks on a background with the YUV color 134.7910, 36.5850, -114.7037.



# 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

134.7910, 36.5850, -114.7037

### Protanopia

169.4090, 13.1094, -4.7437

### Deuteranopia

170.2760, 21.5559, -7.2581



## Tritanopia

133.4980, 34.2645, -117.0777

# Trichromacy



## Original Color

134.7910, 36.5850, -114.7037

## Protanomaly

156.7460, 21.8172, -44.5042

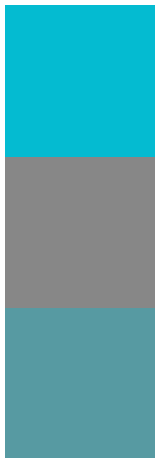
## Deuteranomaly

157.7010, 26.7694, -46.2188

## Tritanomaly

134.0250, 34.9907, -116.6629

# Monochromacy



## Original Color

134.7910, 36.5850, -114.7037

## Achromatopsia

135.0000, 0.0000, 0.0000

## Achromatomaly

134.8790, 13.3707, -41.9899

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 134.7910, 36.5850, -114.7037 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(4, 187, 209)` looks like.

```
.text, #text, p{  
    color:rgb(4, 187, 209)  
}
```

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(4, 187, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 187, 209) }
```

## Border

The CSS property to change the border of an element to YUV 134.7910, 36.5850, -114.7037 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(4, 187, 209) }
```



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

```
.border{ border-color:rgb(4, 187, 209) }
```

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

Here you see how a box with a 4 pixel rgb(4, 187, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 187, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 187, 209);  
box-shadow:4px 4px 4px 4px rgb(4, 187,  
209) }
```

# Background

The CSS property to change the background color of an element to YUV 134.7910, 36.5850, -114.7037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 187, 209) }
```

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

```
.background{ background-color: rgb(4, 187,  
209) }
```

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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