

# Converting Colors

YUV(173.5820, 26.8281,  
-111.8894)

Have a look what the booklet for  
YUV(173.5820, 26.8281, -111.8894)  
contains.

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# Color

**YUV(173.5820, 26.8281,  
-111.8894)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2EE4E4
RGB	46, 228, 228
RGB Percent	18%, 89%, 89%
CMY	0.8196, 0.1059, 0.1059
CMYK	0.80, 0.00, 0.00, 0.11
HSL	180°, 77%, 54%
HSV	180°, 80%, 89%
XYZ	42.8737, 61.6691, 83.0424
YIQ	173.5820, -108.4720, -38.5840

# Conversions

## Conversions Part 2

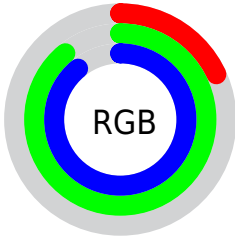
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	46, 137, 228
Decimal	3073252
CIE <sub>Lab</sub>	82.74, -42.13, -12.49
CIE <sub>LCh</sub>	83, 43.944, 196.518
Yxy	61.6691, 0.2286, 0.3288
Android (android.graphics.Color)	4281263332 (0xFF2EE4E4)
YUV	173.5820, 26.8281, -111.8894
Hunter-Lab	78.5297, -39.9738, -7.7264

# Details

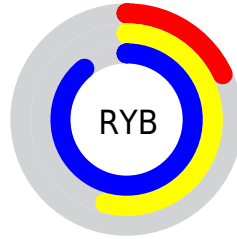
The YUV color **173.5820, 26.8281, -111.8894** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **100.4180, -26.8281, 111.8894**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.4290, 19.0155, -79.3062**, and **120.6860, 25.7908, -105.8416** is the 20% darker color. If you saturate the color by 10%, you get **166.7050, 30.2184, -126.0293**, and if you desaturate by 10%, it is **180.4590, 23.4377, -97.7495**.

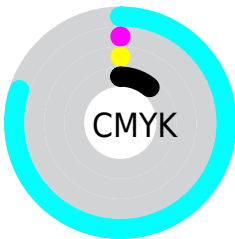
# Distribution



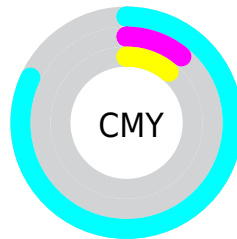
- Red (18%)
- Green (89%)
- Blue (89%)



- Red (18%)
- Yellow (54%)
- Blue (89%)



- Cyan (80%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)



- Cyan (82%)
- Magenta (11%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 173.5820, 26.8281, -111.8894 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 173.5820, 26.8281, -111.8894 by changing the saturation by 10% instead.



173.5820, 26.8281,  
-111.8894

173.5820, 26.8281,  
-111.8894

255.0000, 0.0000,  
0.0000

140.2000, 29.4814,  
-122.9554

216.4290, 19.0155,  
-79.3062

120.6860, 25.7908,  
-105.8416

226.2960, 14.1511,  
-59.0186

101.7590, 21.8108,  
-89.2426

235.8640, 9.4340,  
-39.3457

82.9460, 18.2676,  
-72.7436

245.4320, 4.7170,  
-19.6729

65.5350, 15.0192,  
-57.4742

254.7010, 0.1474,  
-0.6148

48.1240, 11.7709,  
-42.2047

32.7020, 8.5279,

-28.6797

■ 13.8720, 7.4581,  
-12.1657

■ 0.0000, 0.0000,  
0.0000

■ 173.5820, 26.8281,  
-111.8894

■ 173.5820, 26.8281,  
-111.8894

■ 166.7050, 30.2184,  
-126.0293

■ 180.4590, 23.4377,  
-97.7495

■ 159.8280, 33.6088,  
-140.1692

■ 187.3360, 20.0474,  
-83.6097

■ 193.9140, 16.8044,  
-70.0846

■ 200.7910, 13.4140,  
-55.9447

■ 207.6680, 10.0237,  
-41.8048

■ 214.5450, 6.6333,  
-27.6650

■ 221.4220, 3.2430,  
-13.5251

■ 228.0000, 0.0000,  
0.0000

■ 234.8770, -3.3904,  
14.1399

# Harmonies

## Analogous

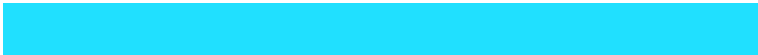
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



187.2290, -1.0989, -67.7298



173.5820, 26.8281, -111.8894



170.1260, 41.8429, -121.1365

# Triad

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



173.5820, 26.8281, -111.8894



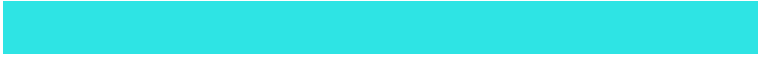
210.3000, 22.0371, 25.1699



204.4540, -38.6778, 39.0668

# Complementary

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



173.5820, 26.8281, -111.8894



100.4180, -26.8281, 111.8894

# 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.



200.5380, -25.9012, 47.7632



173.5820, 26.8281, -111.8894



205.3210, 10.1947, 43.5685

# Square

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



173.5820, 26.8281, -111.8894



202.3610, 25.9510, -16.9796



199.3590, -7.5720, 48.7972



200.8970, -37.4172, 7.9833



# Rectangle

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



173.5820, 26.8281, -111.8894



183.3370, 35.3299, -85.3645



199.3590, -7.5720, 48.7972



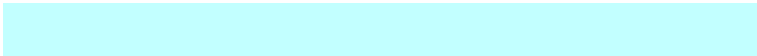
203.8830, -35.9313, 44.8296

# Sweetspot

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



173.5820, 26.8281, -111.8894



236.7610, 8.9918, -37.5014



152.8340, -52.6692, -93.6934



116.9370, 5.4541, -22.7467



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.



173.5820, 26.8281, -111.8894



181.7450, 36.1147, -150.6204



120.1650, 53.1627, -65.0427



111.4120, 1.7689, -7.3773



125.4790, 26.3859, -110.0451



35.7510, 7.5178, -31.3536



# Inverse Universe

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



121.1660, 52.6692, 93.6934



111.1850, 70.9008, 126.1258



153.8350, -53.1627, 65.0427



107.9560, 3.4727, 6.1776



73.9270, 51.8010, 92.1490

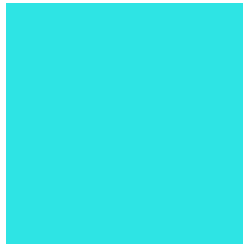


21.0630, 14.7589, 26.2547



# Previews

## White Background



This preview shows how the YUV color 173.5820, 26.8281, -111.8894 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

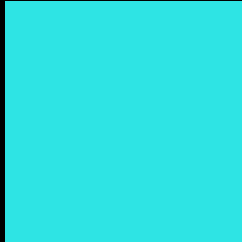
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 173.5820, 26.8281, -111.8894 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

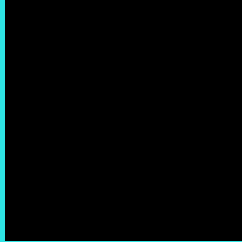
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

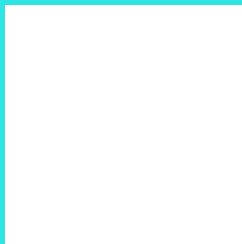
Any Text WCAG AAA ✓ Pass

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

# **YUV 173.5820, 26.8281, -111.8894 Background**



This preview shows how black text looks on a background with the YUV color 173.5820, 26.8281, -111.8894.



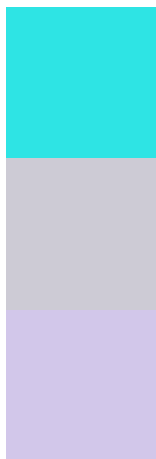
This preview shows how white text looks on a background with the YUV color 173.5820, 26.8281, -111.8894.



# 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

173.5820, 26.8281, -111.8894

### Protanopia

204.7380, 4.0732, 0.2298

### Deuteranopia

206.2790, 13.6665, 3.2633



## Tritanopia

178.4180, 32.3319, -103.8526

# Trichromacy



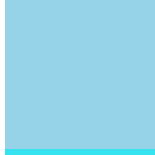
## Original Color

173.5820, 26.8281, -111.8894



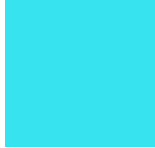
## Protanomaly

193.2490, 12.2022, -40.5604



## Deuteranomaly

194.5680, 18.4540, -39.0861



## Tritanomaly

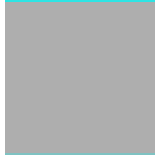
176.8260, 30.1588, -106.8414

# Monochromacy



## Original Color

173.5820, 26.8281, -111.8894



## Achromatopsia

174.0000, 0.0000, 0.0000



## Achromatomaly

173.9670, 9.8763, -41.1901

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 173.5820, 26.8281, -111.8894 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(46, 228, 228)` looks like.

```
.text, #text, p{  
    color:rgb(46, 228, 228)  
}
```

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(46, 228, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 228, 228) }
```

## Border

The CSS property to change the border of an element to YUV 173.5820, 26.8281, -111.8894 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(46, 228, 228) }
```



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

```
.border{ border-color:rgb(46, 228, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 228, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 228, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 228, 228);  
box-shadow:4px 4px 4px 4px rgb(46, 228,  
228) }
```

# Background

The CSS property to change the background color of an element to YUV 173.5820, 26.8281, -111.8894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 228, 228) }
```

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

```
.background{ background-color: rgb(46, 228,  
228) }
```

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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