

# Converting Colors

YUV(172.8050, 11.9281,  
-92.7910)

Have a look what the booklet for  
YUV(172.8050, 11.9281, -92.7910)  
contains.

<b>YUV(172.8050, 11.9281, -92.7910)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(172.8050, 11.9281,  
-92.7910)**

# Conversions

## Conversions Part 1

Format	Color
Hex	43DEC5
RGB	67, 222, 197
RGB Percent	26%, 87%, 77%
CMY	0.7373, 0.1294, 0.2275
CMYK	0.70, 0.00, 0.11, 0.13
HSL	170°, 70%, 57%
HSV	170°, 70%, 87%
XYZ	38.5141, 57.4671, 61.8857
YIQ	172.8050, -84.3550, -40.6350

# Conversions

## Conversions Part 2

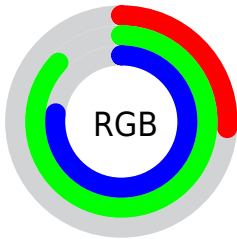
Format	Color
<a href="#">RYB</a>	<a href="#">67, 151, 222</a>
Decimal	<a href="#">4447941</a>
CIELab	<a href="#">80.44, -45.70, 0.61</a>
CIELCh	<a href="#">80, 45.705, 179.235</a>
Yxy	<a href="#">57.4671, 0.2440, 0.3640</a>
Android (android.graphics.Color)	<a href="#">4282638021 (0xFF43DEC5)</a>
YUV	<a href="#">172.8050, 11.9281, -92.7910</a>
Hunter-Lab	<a href="#">75.8070, -41.9747, 4.6631</a>

# Details

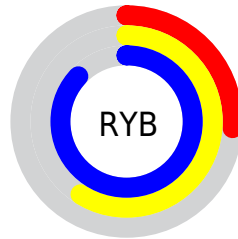
The YUV color **172.8050, 11.9281, -92.7910** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light muted cyan. A complement of this color would be **116.1950, -11.9281, 92.7910**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.0060, 17.2520, -73.6733**, and **113.7440, 14.4232, -99.7535** is the 20% darker color. If you saturate the color by 10%, you get **165.7710, 13.4239, -105.9162**, and if you desaturate by 10%, it is **179.8390, 10.4324, -79.6658**.

# Distribution



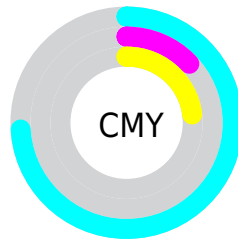
- Red (26%)
- Green (87%)
- Blue (77%)



- Red (26%)
- Yellow (59%)
- Blue (87%)



- Cyan (70%)
- Magenta (0%)
- Yellow (11%)
- Black (13%)



- Cyan (74%)
- Magenta (13%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 172.8050, 11.9281, -92.7910 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 172.8050, 11.9281, -92.7910 by changing the saturation by 10% instead.



172.8050, 11.9281,  
-92.7910

172.8050, 11.9281,  
-92.7910

255.0000, 0.0000,  
0.0000

135.9490, 16.7871,  
-111.3343

219.0060, 17.2520,  
-73.6733

113.7440, 14.4232,  
-99.7535

228.3890, 13.1192,  
-54.7152

95.0450, 11.3168,  
-83.3545

237.3590, 8.6970,  
-36.2718

76.9330, 7.9210,  
-67.4702

246.6280, 4.1274,  
-17.2138

59.0490, 5.3988,  
-51.7860

42.3390, 2.2979,  
-37.1313

27.7320, -0.3609,

-24.3210

■ 1.7610, -0.8682,  
-1.5444

■ 0.0000, 0.0000,  
0.0000

■ 172.8050, 11.9281,  
-92.7910

■ 172.8050, 11.9281,  
-92.7910

■ 165.7710, 13.4239,  
-105.9162

■ 179.8390, 10.4324,  
-79.6658

■ 158.8510, 15.3565,  
-119.1413


■ 186.7590, 8.4998,  
-66.4406


■ 151.5180, 16.9996,  
-132.8813


■ 194.0920, 6.8566,  
-52.7007

■ 201.0120, 4.9241,  
-39.4755

 208.0460, 3.4283,  
-26.3503

 214.9660, 1.4958,  
-13.1252

 222.0000, 0.0000,  
0.0000

 229.3330, -1.6432,  
13.7400

 232.6650, -1.8068,  
19.5878

# Harmonies

## Analogous

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



185.2890, -15.4255, -45.8575



172.8050, 11.9281, -92.7910



157.0870, 40.8761, -137.7653

# Triad

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



172.8050, 11.9281, -92.7910



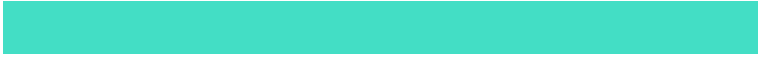
200.4110, 26.9124, 1.3936



197.5570, -34.7846, 50.3775

# Complementary

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



172.8050, 11.9281, -92.7910



116.1950, -11.9281, 92.7910

# 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.



193.6880, -16.6082, 53.7706



172.8050, 11.9281, -92.7910



205.3020, 19.0781, 40.9541

# Square

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



172.8050, 11.9281, -92.7910



188.2860, 32.8900, -49.3628



196.7150, 2.6055, 51.1159



196.6930, -41.2606, 27.4562

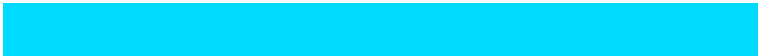


# Rectangle

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



172.8050, 11.9281, -92.7910



157.0360, 48.2963, -137.7206



196.7150, 2.6055, 51.1159



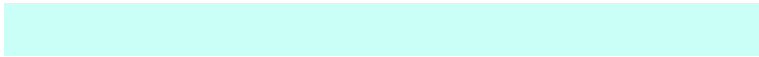
195.7620, -28.9697, 51.9517

# Sweetspot

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



172.8050, 11.9281, -92.7910



237.8280, 4.0288, -32.2982



165.7590, -48.6882, -63.8096



117.7480, 2.0962, -19.0730



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.



172.8050, 11.9281, -92.7910



187.0240, 16.2572, -128.0630



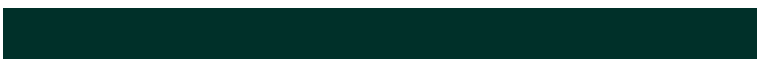
145.1310, 37.8964, -68.5209



108.4830, 0.7479, -6.5626



120.1840, 13.7133, -105.4014



32.8500, 4.0179, -28.8095



# Inverse Universe

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



116.1950, -11.9281, 92.7910



108.8620, -16.6940, 128.1630



143.8690, -37.8964, 68.5209



104.5170, -0.7479, 6.5626



55.8160, -13.7133, 105.4014

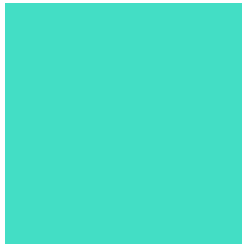


15.2640, -3.5812, 28.7095



# Previews

## White Background



This preview shows how the YUV color 172.8050, 11.9281, -92.7910 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

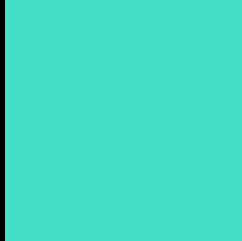
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 172.8050, 11.9281, -92.7910 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

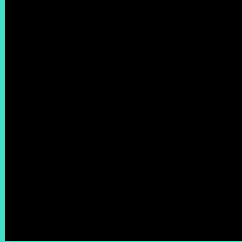
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

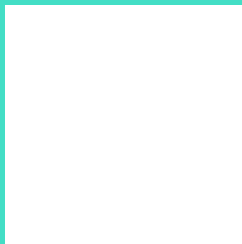
Any Text WCAG AAA ✓ Pass

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

# YUV 172.8050, 11.9281, -92.7910 Background



This preview shows how black text looks on a background with the YUV color 172.8050, 11.9281, -92.7910.



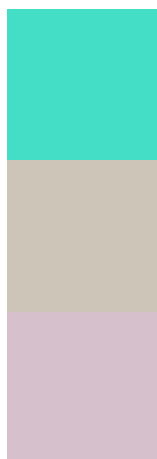
This preview shows how white text looks on a background with the YUV color 172.8050, 11.9281, -92.7910.



# 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

172.8050, 11.9281, -92.7910

### Protanopia

197.7960, -7.2944, 6.3179

### Deuteranopia

199.9460, 1.9986, 12.3254



## Tritanopia

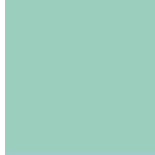
179.7690, 26.7359, -82.2354

# Trichromacy



## Original Color

172.8050, 11.9281, -92.7910



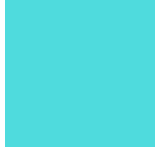
## Protanomaly

188.6990, -0.3446, -29.5540



## Deuteranomaly

190.2140, 5.3175, -25.6207



## Tritanomaly

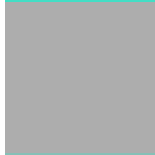
177.3680, 21.5106, -86.2687

# Monochromacy



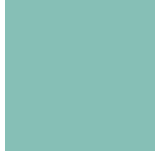
## Original Color

172.8050, 11.9281, -92.7910



## Achromatopsia

173.0000, 0.0000, 0.0000



## Achromatomaly

172.9310, 4.4710, -34.1425

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 172.8050, 11.9281, -92.7910 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(67, 222, 197)` looks like.

```
.text, #text, p{  
    color:rgb(67, 222, 197)  
}
```

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(67, 222, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 222, 197) }
```

## Border

The CSS property to change the border of an element to YUV 172.8050, 11.9281, -92.7910 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(67, 222, 197) }
```



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

```
.border{ border-color:rgb(67, 222, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 222, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 222, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 222, 197);  
box-shadow:4px 4px 4px 4px rgb(67, 222,  
197) }
```

# Background

The CSS property to change the background color of an element to YUV 172.8050, 11.9281, -92.7910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 222, 197) }
```

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

```
.background{ background-color: rgb(67, 222,  
197) }
```

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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