

# Converting Colors

YUV(179.9820, 20.2219,  
-92.9462)

Have a look what the booklet for  
YUV(179.9820, 20.2219, -92.9462)  
contains.

<b>YUV(179.9820, 20.2219, -92.9462)</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(179.9820, 20.2219,  
-92.9462)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4AE2DD
RGB	74, 226, 221
RGB Percent	29%, 89%, 87%
CMY	0.7098, 0.1137, 0.1333
CMYK	0.67, 0.00, 0.02, 0.11
HSL	178°, 72%, 59%
HSV	178°, 67%, 89%
XYZ	43.0715, 61.0690, 77.9240
YIQ	179.9820, -88.9870, -33.7790

# Conversions

## Conversions Part 2

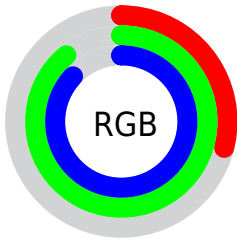
Format	Color
<a href="#">RYB</a>	<a href="#">74, 151, 226</a>
Decimal	<a href="#">4907741</a>
CIELab	<a href="#">82.42, -40.16, -9.21</a>
CIELCh	<a href="#">82, 41.200, 192.922</a>
Yxy	<a href="#">61.0690, 0.2366, 0.3354</a>
Android (android.graphics.Color)	<a href="#">4283097821 (0xFF4AE2DD)</a>
YUV	<a href="#">179.9820, 20.2219, -92.9462</a>
Hunter-Lab	<a href="#">78.1467, -38.3741, -4.4184</a>

# Details

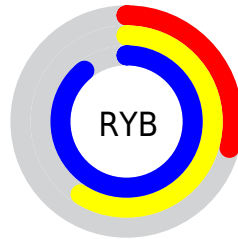
The YUV color **179.9820, 20.2219, -92.9462** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **120.0180, -20.2219, 92.9462**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.9140, 16.8044, -70.0846**, and **118.7140, 23.3120, -104.1122** is the 20% darker color. If you saturate the color by 10%, you get **172.9910, 23.1754, -106.9861**, and if you desaturate by 10%, it is **186.9730, 17.2683, -78.9063**.

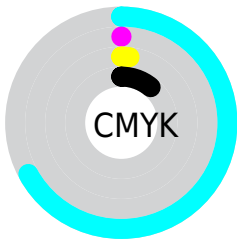
# Distribution



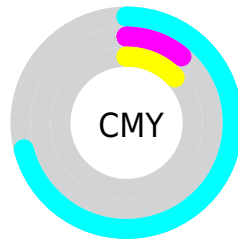
- Red (29%)
- Green (89%)
- Blue (87%)



- Red (29%)
- Yellow (59%)
- Blue (89%)



- Cyan (67%)
- Magenta (0%)
- Yellow (2%)
- Black (11%)



- Cyan (71%)
- Magenta (11%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 179.9820, 20.2219, -92.9462 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 179.9820, 20.2219, -92.9462 by changing the saturation by 10% instead.



179.9820, 20.2219,  
-92.9462

179.9820, 20.2219,  
-92.9462

255.0000, 0.0000,  
0.0000

145.4040, 23.4648,  
-106.4713

220.9140, 16.8044,  
-70.0846

118.7140, 23.3120,  
-104.1122

230.4820, 12.0874,  
-50.4117

99.9010, 19.7688,  
-87.6132

239.7510, 7.5178,  
-31.3536

81.6750, 15.9362,  
-71.6290

249.0200, 2.9481,  
-12.2955

63.6770, 12.9772,  
-55.8447

46.8530, 9.4395,  
-41.0901

30.8440, 6.4859,

-27.0502

■ 12.7150, 5.5635,  
-11.1511

■ 0.0000, 0.0000,  
0.0000

■ 179.9820, 20.2219,  
-92.9462

■ 179.9820, 20.2219,  
-92.9462

■ 172.9910, 23.1754,  
-106.9861

■ 186.9730, 17.2683,  
-78.9063

■ 166.4130, 26.4184,  
-120.5112


■ 193.5510, 14.0254,  
-65.3812


■ 159.4220, 29.3720,  
-134.5511

■ 200.5420, 11.0718,  
-51.3413

■ 157.6280, 30.2564,  
-138.2398


■ 207.2340, 8.2656,  
-37.9162

 214.2250, 5.3121,  
-23.8763

 221.1020, 1.9217,  
-9.7365

 227.7940, -0.8844,  
3.6887

 234.7850, -3.8380,  
17.7286

 234.8990, -3.4012,  
17.6286

# Harmonies

## Analogous

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



189.1980, -4.0416, -57.1786



179.9820, 20.2219, -92.9462



177.6120, 38.1523, -104.0227

# Triad

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



179.9820, 20.2219, -92.9462



209.0820, 22.6376, 19.2221



204.1490, -36.0625, 40.2113

# Complementary

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



179.9820, 20.2219, -92.9462



120.0180, -20.2219, 92.9462

# 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.



200.6350, -22.9911, 47.6781



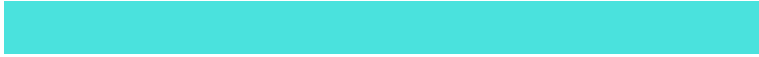
179.9820, 20.2219, -92.9462



206.8370, 10.9264, 42.2390

# Square

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



179.9820, 20.2219, -92.9462



201.1540, 26.5461, -21.1831



200.6300, -5.2406, 47.6825



200.7880, -35.3915, 11.5869



# Rectangle

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



179.9820, 20.2219, -92.9462



184.5440, 34.7348, -81.1611



200.6300, -5.2406, 47.6825



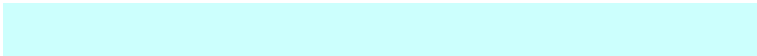
203.9800, -33.0211, 44.7445

# Sweetspot

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



179.9820, 20.2219, -92.9462



239.5230, 6.6442, -31.1537



164.7190, -44.7245, -75.1756



118.5030, 3.6960, -18.8581



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.



179.9820, 20.2219, -92.9462



192.3090, 27.4557, -126.5590



138.8750, 42.9526, -56.8954



108.7110, 1.6215, -6.7625



122.6920, 23.3228, -107.6009



33.5340, 6.6387, -29.4093



# Inverse Universe

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



120.0180, -20.2219, 92.9462



110.6910, -27.4557, 126.5590



161.1250, -42.9526, 56.8954



104.2890, -1.6215, 6.7625



53.3080, -23.3228, 107.6009

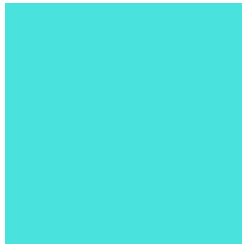


14.5800, -6.2019, 29.3093



# Previews

## White Background



This preview shows how the YUV color 179.9820, 20.2219, -92.9462 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

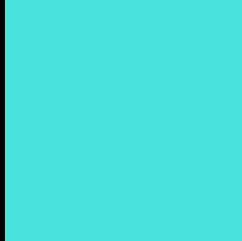
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 179.9820, 20.2219, -92.9462 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

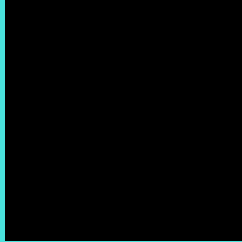
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

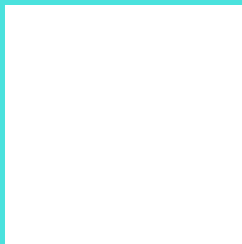
Any Text WCAG AAA ✓ Pass

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

# YUV 179.9820, 20.2219, -92.9462 Background



This preview shows how black text looks on a background with the YUV color 179.9820, 20.2219, -92.9462.



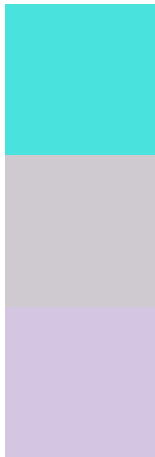
This preview shows how white text looks on a background with the YUV color 179.9820, 20.2219,

-92.9462.

# 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

179.9820, 20.2219, -92.9462

### Protanopia

203.7660, 1.5944, 1.9592

### Deuteranopia

205.4920, 10.6034, 5.7075



## Tritanopia

183.7900, 28.2045, -86.6388

# Trichromacy



## Original Color

179.9820, 20.2219, -92.9462



## Protanomaly

195.2670, 8.2494, -32.6832



## Deuteranomaly

196.1840, 14.2063, -29.9794



## Tritanomaly

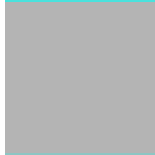
182.3830, 25.4472, -88.9129

# Monochromacy



## Original Color

179.9820, 20.2219, -92.9462



## Achromatopsia

180.0000, 0.0000, 0.0000



## Achromatomaly

180.0280, 7.3812, -34.2276

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 179.9820, 20.2219, -92.9462 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(74, 226, 221)` looks like.

```
.text, #text, p{  
    color:rgb(74, 226, 221)  
}
```

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(74, 226, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 226, 221) }
```

## Border

The CSS property to change the border of an element to YUV 179.9820, 20.2219, -92.9462 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(74, 226, 221) }
```



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

```
.border{ border-color:rgb(74, 226, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 226, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 226, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 226, 221);  
box-shadow:4px 4px 4px 4px rgb(74, 226,  
221) }
```

# Background

The CSS property to change the background color of an element to YUV 179.9820, 20.2219, -92.9462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 226, 221) }
```

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

```
.background{ background-color: rgb(74, 226,  
221) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor