

# Converting Colors

YUV(171.7520, 25.7583,  
-95.3755)

Have a look what the booklet for  
YUV(171.7520, 25.7583, -95.3755)  
contains.

<b>YUV(171.7520, 25.7583, -95.3755)</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(171.7520, 25.7583,  
-95.3755)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3FD9E0
RGB	63, 217, 224
RGB Percent	25%, 85%, 88%
CMY	0.7529, 0.1490, 0.1216
CMYK	0.72, 0.03, 0.00, 0.12
HSL	183°, 72%, 56%
HSV	183°, 72%, 88%
XYZ	40.3173, 56.0643, 79.2176
YIQ	171.7520, -94.0310, -30.4710

# Conversions

## Conversions Part 2

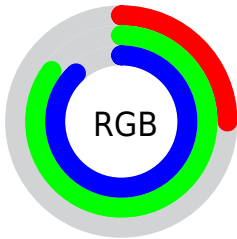
<b>Format</b>	<b>Color</b>
<b>RYB</b>	63, 142, 224
Decimal	4184544
CIELab	79.65, -36.60, -14.97
CIELCh	80, 39.545, 202.238
Yxy	56.0643, 0.2296, 0.3193
Android (android.graphics.Color)	4282374624 (0xFF3FD9E0)
YUV	171.7520, 25.7583, -95.3755
Hunter-Lab	74.8761, -34.9192, -10.3145

# Details

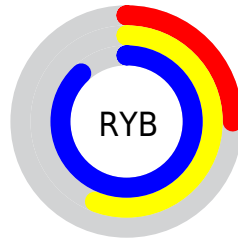
The YUV color **171.7520, 25.7583, -95.3755** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **115.2480, -25.7583, 95.3755**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.5220, 17.9837, -75.0028**, and **114.3600, 26.9375, -100.2937** is the 20% darker color. If you saturate the color by 10%, you get **164.5870, 29.2906, -108.3858**, and if you desaturate by 10%, it is **178.9170, 22.2259, -82.3652**.

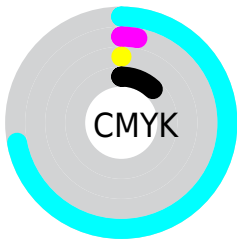
# Distribution



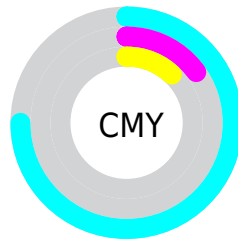
- Red (25%)
- Green (85%)
- Blue (88%)



- Red (25%)
- Yellow (56%)
- Blue (88%)



- Cyan (72%)
- Magenta (3%)
- Yellow (0%)
- Black (12%)



- Cyan (75%)
- Magenta (15%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 171.7520, 25.7583, -95.3755 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 171.7520, 25.7583, -95.3755 by changing the saturation by 10% instead.



■ 171.7520, 25.7583,  
-95.3755

■ 171.7520, 25.7583,  
-95.3755

255.0000, 0.0000,  
0.0000

■ 133.2870, 30.9175,  
-116.8927

■ 218.5220, 17.9837,  
-75.0028

■ 114.3600, 26.9375,  
-100.2937

■ 228.0900, 13.2666,  
-55.3299

■ 95.4330, 22.9575,  
-83.6947

■ 237.3590, 8.6970,  
-36.2718

■ 77.3210, 19.5617,  
-67.8105

■ 246.6280, 4.1274,  
-17.2138

■ 59.7960, 15.8766,  
-52.4411

■ 43.0860, 12.7756,  
-37.7864

■ 28.1370, 8.8065,

-24.6761

■ 3.5510, 11.0674,  
-3.1142

■ 0.0000, 0.0000,  
0.0000

■ 171.7520, 25.7583,  
-95.3755

■ 171.7520, 25.7583,  
-95.3755

■ 164.5870, 29.2906,  
-108.3858

■ 178.9170, 22.2259,  
-82.3652


■ 157.1230, 32.9704,  
-122.0109

■ 186.3810, 18.5462,  
-68.7401


■ 151.1540, 35.9131,  
-132.5621


■ 193.5460, 15.0138,  
-55.7298


■ 201.0100, 11.3341,  
-42.1048

 208.1750, 7.8017,  
-29.0945

 215.3400, 4.2694,  
-16.0842

 222.8040, 0.5896,  
-2.4591

 229.9690, -2.9427,  
10.5512

 234.4430, -5.1484,  
18.0285

# Harmonies

## Analogous

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



179.9780, 2.9688, -65.7557



171.7520, 25.7583, -95.3755



175.9280, 38.9825, -90.2679

# Triad

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



171.7520, 25.7583, -95.3755



202.4530, 19.9897, 28.5437



195.9090, -35.4511, 30.7748

# Complementary

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



171.7520, 25.7583, -95.3755



115.2480, -25.7583, 95.3755

# 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.



197.3920, -27.8013, 50.5222



171.7520, 25.7583, -95.3755



199.8610, 4.5055, 48.3569

# Square

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



171.7520, 25.7583, -95.3755



197.3990, 28.3973, -8.2429



195.5290, -12.0928, 52.1561



192.3460, -31.7226, 1.4506



# Rectangle

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



171.7520, 25.7583, -95.3755



183.1700, 35.4122, -65.0471



195.5290, -12.0928, 52.1561



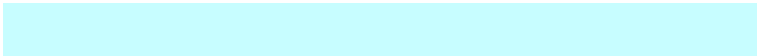
197.0070, -34.0205, 38.5819

# Sweetspot

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



171.7520, 25.7583, -95.3755



237.0820, 8.8336, -33.3979



158.0770, -44.4080, -83.3825



116.6600, 5.5906, -19.8728



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.



171.7520, 25.7583, -95.3755



183.6490, 35.1760, -129.4882



125.3790, 48.6202, -54.7064



108.7110, 1.6215, -6.7625



118.6800, 28.2588, -104.0824



32.4740, 7.6543, -28.4797



# Inverse Universe

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



128.6950, 43.5344, 83.5825



125.3070, 59.0086, 113.7408



161.6210, -48.6202, 54.7064



105.5430, 3.1833, 5.6628



71.7760, 47.4384, 91.4044

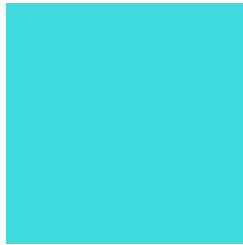


19.5960, 13.0172, 24.9103



# Previews

## White Background



This preview shows how the YUV color 171.7520, 25.7583, -95.3755 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

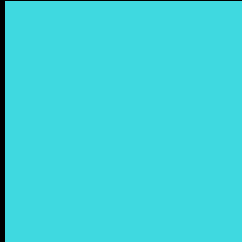
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 171.7520, 25.7583, -95.3755 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 171.7520, 25.7583, -95.3755 Background



This preview shows how black text looks on a background with the YUV color 171.7520, 25.7583, -95.3755.



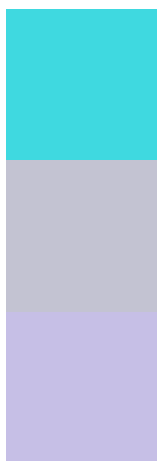
This preview shows how white text looks on a background with the YUV color 171.7520, 25.7583, -95.3755.

-95.3755.

# 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

171.7520, 25.7583, -95.3755

### Protanopia

196.7100, 6.5520, -1.4997

### Deuteranopia

197.5390, 16.0033, 0.4043



## Tritanopia

173.9850, 29.0944, -92.0718

# Trichromacy



## Original Color

171.7520, 25.7583, -95.3755



## Protanomaly

187.6240, 13.4964, -35.6272



## Deuteranomaly

187.9430, 19.7481, -34.1530



## Tritanomaly

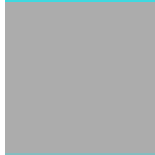
173.0450, 28.0788, -93.0015

# Monochromacy



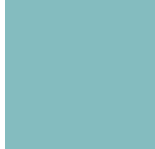
## Original Color

171.7520, 25.7583, -95.3755



## Achromatopsia

172.0000, 0.0000, 0.0000



## Achromatomaly

171.5980, 9.5652, -34.7274

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 171.7520, 25.7583, -95.3755 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(63, 217, 224)` looks like.

```
.text, #text, p{  
    color:rgb(63, 217, 224)  
}
```

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(63, 217, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 217, 224) }
```

## Border

The CSS property to change the border of an element to YUV 171.7520, 25.7583, -95.3755 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(63, 217, 224) }
```



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

```
.border{ border-color:rgb(63, 217, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 217, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 217, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 217, 224);  
box-shadow:4px 4px 4px 4px rgb(63, 217,  
224) }
```

# Background

The CSS property to change the background color of an element to YUV 171.7520, 25.7583, -95.3755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 217, 224) }
```

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

```
.background{ background-color: rgb(63, 217,  
224) }
```

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