

Converting Colors

YUV(161.5470, 33.2543,
-119.7517)

Have a look what the booklet for
YUV(161.5470, 33.2543, -119.7517)
contains.

YUV(161.5470, 33.2543, -119.7517)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(161.5470, 33.2543,
-119.7517)**

Conversions

Conversions Part 1

Format	Color
Hex	19DAE5
RGB	25, 218, 229
RGB Percent	10%, 85%, 90%
CMY	0.9020, 0.1451, 0.1020
CMYK	0.89, 0.05, 0.00, 0.10
HSL	183°, 80%, 50%
HSV	183°, 89%, 90%
XYZ	39.6152, 56.0066, 82.8512
YIQ	161.5470, -118.5590, -37.4950

Conversions

Conversions Part 2

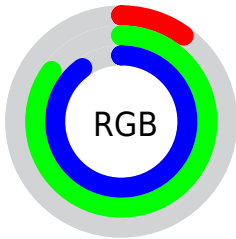
Format	Color
RYB	25, 124, 229
Decimal	1694437
CIELab	79.62, -38.66, -17.73
CIELCh	80, 42.529, 204.641
Yxy	56.0066, 0.2220, 0.3138
Android (android.graphics.Color)	4279884517 (0xFF19DAE5)
YUV	161.5470, 33.2543, -119.7517
Hunter-Lab	74.8376, -36.4770, -13.2525

Details

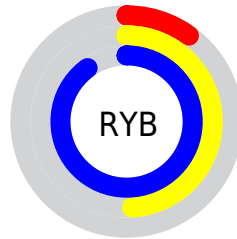
The YUV color **161.5470, 33.2543, -119.7517** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **92.4530, -33.2543, 119.7517**, and the grayscale version is **161.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.7380, 20.3422, -84.8392**, and **114.9300, 29.1215, -100.7936** is the 20% darker color. If you saturate the color by 10%, you get **154.0830, 36.9341, -133.3768**, and if you desaturate by 10%, it is **169.0110, 29.5746, -106.1266**.

Distribution



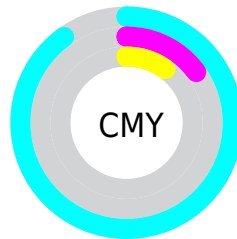
- Red (10%)
- Green (85%)
- Blue (90%)



- Red (10%)
- Yellow (49%)
- Blue (90%)



- Cyan (89%)
- Magenta (5%)
- Yellow (0%)
- Black (10%)



- Cyan (90%)
- Magenta (15%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 161.5470, 33.2543, -119.7517 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 161.5470, 33.2543, -119.7517 by changing the saturation by 10% instead.

161.5470, 33.2543,
-119.7517

161.5470, 33.2543,
-119.7517

255.0000, 0.0000,
0.0000

134.4440, 32.8121,
-117.9074

213.7380, 20.3422,
-84.8392

114.9300, 29.1215,
-100.7936

223.6050, 15.4777,
-64.5516

96.5900, 24.8521,
-84.7094

233.4720, 10.6133,
-44.2639

78.3640, 21.0195,
-68.7252

243.0400, 5.8963,
-24.5911

60.8390, 17.3344,
-53.3558

252.3090, 1.3267,
-5.5330

44.1290, 14.2334,
-38.7011

29.1800, 10.2643,

-25.5909

■ 4.5940, 12.5252,
-4.0289

■ 0.0000, 0.0000,
0.0000

■ 161.5470, 33.2543,
-119.7517

■ 161.5470, 33.2543,
-119.7517

■ 154.0830, 36.9341,
-133.3768

■ 169.0110, 29.5746,
-106.1266

■ 153.4850, 37.2289,
-134.6063

■ 176.4750, 25.8948,
-92.5016

■ 184.5260, 21.9257,
-79.3913

■ 191.9900, 18.2459,
-65.7662

■ 199.1550, 14.7136,
-52.7559

■ 206.6190, 11.0338,
-39.1309

■ 214.6700, 7.0647,
-26.0206

■ 222.1340, 3.3849,
-12.3955

■ 229.5980, -0.2948,
1.2296

Harmonies

Analogous

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



176.4220, 6.2010, -75.7921



161.5470, 33.2543, -119.7517



169.6490, 42.0780, -103.1782

Triad

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



161.5470, 33.2543, -119.7517



203.1870, 20.1208, 33.1620



194.9260, -37.9245, 30.7599

Complementary

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



161.5470, 33.2543, -119.7517



92.4530, -33.2543, 119.7517

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.



196.5940, -30.8588, 51.2221



161.5470, 33.2543, -119.7517



197.7580, 4.0633, 50.2012

Square

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



161.5470, 33.2543, -119.7517



198.0080, 28.0971, -5.2690



193.7850, -13.6980, 53.6856



191.2810, -33.1695, -1.1234

Rectangle

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



161.5470, 33.2543, -119.7517



181.3760, 36.2966, -68.7358



193.7850, -13.6980, 53.6856



196.2090, -37.0780, 39.2817

Sweetspot

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



161.5470, 33.2543, -119.7517



232.0210, 11.3286, -40.3604



145.8880, -54.6678, -106.0188



113.9800, 6.9119, -23.6615



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.



161.5470, 33.2543, -119.7517



170.5370, 41.6403, -149.5609



102.2600, 62.4828, -67.7570



110.8250, 2.0583, -6.8625



119.6090, 29.2798, -104.8971



33.9900, 8.3859, -29.8092

Inverse Universe

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



107.9980, 54.2310, 106.1188



103.7190, 67.6795, 132.6734



151.7400, -62.4828, 67.7570



107.8420, 3.0359, 6.2776



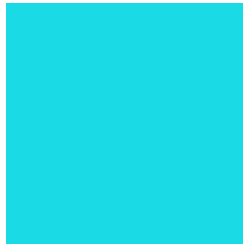
72.7870, 47.4330, 93.1488



20.7210, 13.4485, 26.5547

Previews

White Background



This preview shows how the YUV color 161.5470, 33.2543, -119.7517 looks on a white background.

Color Contrast Check

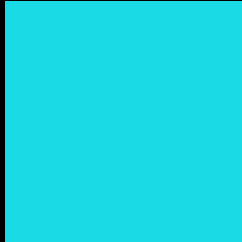
Large Text (above 18pt) WCAG AA × Fail

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 161.5470, 33.2543, -119.7517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

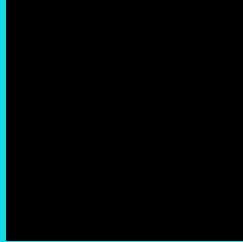
Any Text WCAG AA ✓ Pass

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 161.5470, 33.2543, -119.7517 Background



This preview shows how black text looks on a background with the YUV color 161.5470, 33.2543, -119.7517.

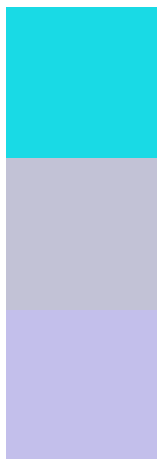


This preview shows how white text looks on a background with the YUV color 161.5470, 33.2543, -119.7517.

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

161.5470, 33.2543, -119.7517

Protanopia

196.2800, 8.7360, -1.9996

Deuteranopia

197.2120, 18.6295, -1.9399



Tritanopia

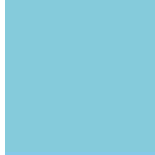
164.6340, 34.6904, -113.6890

Trichromacy



Original Color

161.5470, 33.2543, -119.7517



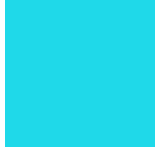
Protanomaly

183.8940, 17.3073, -44.6340



Deuteranomaly

184.3160, 24.0012, -45.0041



Tritanomaly

163.2100, 34.4065, -115.9482

Monochromacy



Original Color

161.5470, 33.2543, -119.7517



Achromatopsia

162.0000, 0.0000, 0.0000



Achromatomaly

161.5260, 12.0657, -43.4343

CSS Examples

Text

The CSS property to change the color of the text to YUV 161.5470, 33.2543, -119.7517 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(25, 218, 229)` looks like.

```
.text, #text, p{  
    color:rgb(25, 218, 229)  
}
```

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(25, 218, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 218, 229) }
```

Border

The CSS property to change the border of an element to YUV 161.5470, 33.2543, -119.7517 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(25, 218, 229) }
```


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

```
.border{ border-color:rgb(25, 218, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 218, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 218, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 218, 229);  
box-shadow:4px 4px 4px 4px rgb(25, 218,  
229) }
```

Background

The CSS property to change the background color of an element to YUV 161.5470, 33.2543, -119.7517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 218, 229) }
```

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

```
.background{ background-color: rgb(25, 218,  
229) }
```

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