

Converting Colors

YUV(159.4440, 32.8121,
-117.9074)

Have a look what the booklet for
YUV(159.4440, 32.8121, -117.9074)
contains.

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Color

**YUV(159.4440, 32.8121,
-117.9074)**

Conversions

Conversions Part 1

Format	Color
Hex	19D7E2
RGB	25, 215, 226
RGB Percent	10%, 84%, 89%
CMY	0.9020, 0.1569, 0.1137
CMYK	0.89, 0.05, 0.00, 0.11
HSL	183°, 80%, 49%
HSV	183°, 89%, 89%
XYZ	38.4288, 54.2985, 80.4068
YIQ	159.4440, -116.7710, -36.8590

Conversions

Conversions Part 2

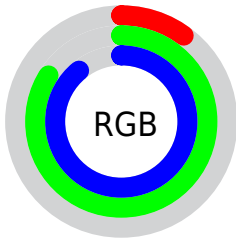
Format	Color
RYB	25, 123, 226
Decimal	1693666
CIELab	78.64, -38.19, -17.61
CIELCh	79, 42.054, 204.758
Yxy	54.2985, 0.2220, 0.3136
Android (android.graphics.Color)	4279883746 (0xFF19D7E2)
YUV	159.4440, 32.8121, -117.9074
Hunter-Lab	73.6875, -35.8636, -13.1151

Details

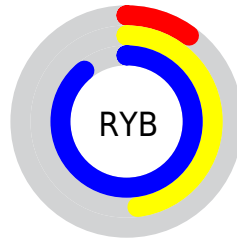
The YUV color **159.4440, 32.8121, -117.9074** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **91.5560, -32.8121, 117.9074**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.4390, 20.4896, -85.4540**, and **113.4140, 28.3899, -99.4641** is the 20% darker color. If you saturate the color by 10%, you get **151.9800, 36.4919, -131.5325**, and if you desaturate by 10%, it is **166.9080, 29.1324, -104.2823**.

Distribution



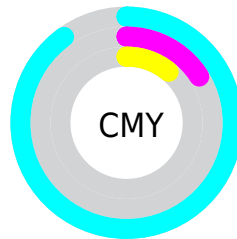
- Red (10%)
- Green (84%)
- Blue (89%)



- Red (10%)
- Yellow (48%)
- Blue (89%)



- Cyan (89%)
- Magenta (5%)
- Yellow (0%)
- Black (11%)



- Cyan (90%)
- Magenta (16%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.4440, 32.8121, -117.9074 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 159.4440, 32.8121, -117.9074 by changing the saturation by 10% instead.

159.4440, 32.8121,
-117.9074

159.4440, 32.8121,
-117.9074

255.0000, 0.0000,
0.0000

132.3410, 32.3699,
-116.0631

213.4390, 20.4896,
-85.4540

113.4140, 28.3899,
-99.4641

223.3060, 15.6251,
-65.1664

94.4870, 24.4099,
-82.8651

233.1730, 10.7607,
-44.8787

76.3750, 21.0141,
-66.9809

242.4420, 6.1911,
-25.8206

58.8500, 17.3289,
-51.6114

252.0100, 1.4741,
-6.1478

42.0260, 13.7912,
-36.8568

27.7780, 9.9694,

-24.3613

■ 3.7790, 11.9410,
-3.3142

■ 0.0000, 0.0000,
0.0000

■ 159.4440, 32.8121,
-117.9074

■ 159.4440, 32.8121,
-117.9074

■ 151.9800, 36.4919,
-131.5325

■ 166.9080, 29.1324,
-104.2823

■ 151.3820, 36.7867,
-132.7620

■ 174.0730, 25.6000,
-91.2720

■ 182.1240, 21.6309,
-78.1617

■ 189.2890, 18.0985,
-65.1515

■ 196.7530, 14.4188,
-51.5264

■ 204.2170, 10.7390,
-37.9013

■ 211.9690, 6.9173,
-25.4058

■ 219.4330, 3.2375,
-11.7807

■ 226.5980, -0.2948,
1.2296

Harmonies

Analogous

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



174.0200, 5.9061, -74.5625



159.4440, 32.8121, -117.9074



167.8880, 42.9462, -101.6338

Triad

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



159.4440, 32.8121, -117.9074



199.7740, 19.8314, 32.6472



192.6270, -37.7771, 30.1451

Complementary

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



159.4440, 32.8121, -117.9074



91.5560, -32.8121, 117.9074

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.



194.6050, -30.8643, 52.9664



159.4440, 32.8121, -117.9074



196.2420, 3.3317, 51.5308

Square

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



159.4440, 32.8121, -117.9074



195.3500, 29.4075, -5.5689



192.3830, -13.9928, 54.9151



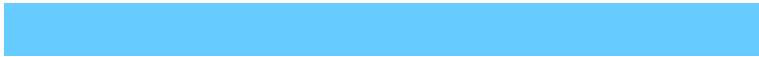
188.3950, -32.7327, -1.2234

Rectangle

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



159.4440, 32.8121, -117.9074



179.3160, 37.3122, -67.8061



192.3830, -13.9928, 54.9151



193.3230, -36.6412, 39.1817

Sweetspot

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



159.4440, 32.8121, -117.9074



232.0210, 11.3286, -40.3604



144.1270, -53.7996, -104.4744



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.



159.4440, 32.8121, -117.9074



170.5370, 41.6403, -149.5609



100.7440, 61.7512, -66.4275



108.7110, 1.6215, -6.7625



117.5060, 28.8375, -103.0528



32.4740, 7.6543, -28.4797

Inverse Universe

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



106.7590, 53.3628, 104.5744



103.7190, 67.6795, 132.6734



150.2560, -61.7512, 66.4275



105.5430, 3.1833, 5.6628



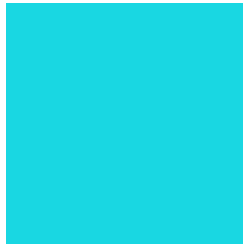
71.5480, 46.5648, 91.6044



19.5960, 13.0172, 24.9103

Previews

White Background



This preview shows how the YUV color 159.4440, 32.8121, -117.9074 looks on a white background.

Color Contrast Check

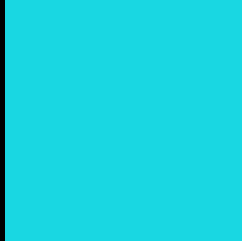
Large Text (above 18pt) WCAG AA × Fail

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 159.4440, 32.8121, -117.9074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

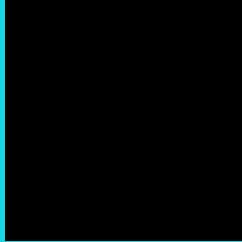
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

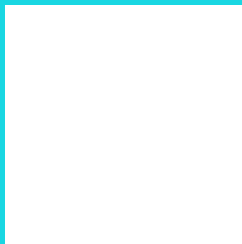
Any Text WCAG AAA ✓ Pass

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

YUV 159.4440, 32.8121, -117.9074 Background



This preview shows how black text looks on a background with the YUV color 159.4440, 32.8121, -117.9074.

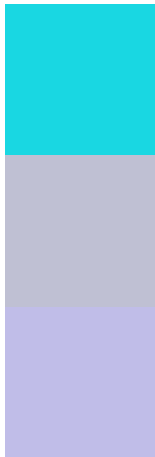


This preview shows how white text looks on a background with the YUV color 159.4440, 32.8121, -117.9074.

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

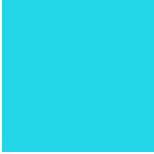
159.4440, 32.8121, -117.9074

Protanopia

193.8670, 8.4466, -2.5144

Deuteranopia

194.7990, 18.3401, -2.4547



Tritanopia

162.2320, 34.3956, -112.4595

Trichromacy



Original Color

159.4440, 32.8121, -117.9074



Protanomaly

181.1930, 17.1599, -44.0193



Deuteranomaly

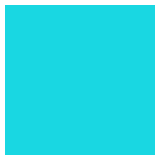
181.6150, 23.8538, -44.3894



Tritanomaly

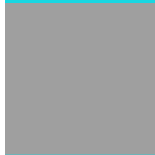
161.1070, 33.9642, -114.1038

Monochromacy



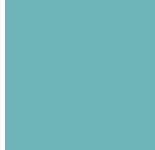
Original Color

159.4440, 32.8121, -117.9074



Achromatopsia

159.0000, 0.0000, 0.0000



Achromatomaly

158.8250, 11.9183, -42.8195

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.4440, 32.8121, -117.9074 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, 215, 226)` looks like.

```
.text, #text, p{  
    color:rgb(25, 215, 226)  
}
```

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, 215, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 215, 226) }
```

Border

The CSS property to change the border of an element to YUV 159.4440, 32.8121, -117.9074 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, 215, 226) }
```


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

```
.border{ border-color:rgb(25, 215, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 215, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 215, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 215, 226);  
box-shadow:4px 4px 4px 4px rgb(25, 215,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 159.4440, 32.8121, -117.9074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 215, 226) }
```

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

```
.background{ background-color: rgb(25, 215,  
226) }
```

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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