

Converting Colors

YUV(139.5500, 28.8159,
-96.0753)

Have a look what the booklet for
YUV(139.5500, 28.8159, -96.0753)
contains.

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Color

**YUV(139.5500, 28.8159,
-96.0753)**

Conversions

Conversions Part 1

Format	Color
Hex	1EB8C6
RGB	30, 184, 198
RGB Percent	12%, 72%, 78%
CMY	0.8824, 0.2784, 0.2235
CMYK	0.85, 0.07, 0.00, 0.22
HSL	185°, 74%, 45%
HSV	185°, 85%, 78%
XYZ	27.8690, 38.6342, 59.4144
YIQ	139.5500, -96.2780, -28.2940

Conversions

Conversions Part 2

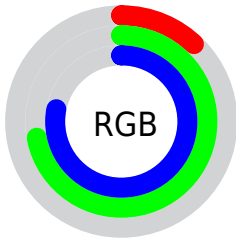
Format	Color
R _Y B	30, 110, 198
Decimal	2013382
CIE Lab	68.49, -31.99, -17.77
CIE LCh	68, 36.592, 209.051
Yxy	38.6342, 0.2213, 0.3068
Android (android.graphics.Color)	4280203462 (0xFF1EB8C6)
YUV	139.5500, 28.8159, -96.0753
Hunter-Lab	62.1564, -28.7401, -13.1649

Details

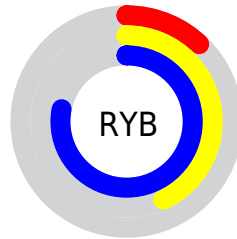
The YUV color **139.5500, 28.8159, -96.0753** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed azure. A complement of this color would be **88.4500, -28.8159, 96.0754**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.8400, 25.7149, -81.4207**, and **92.7260, 25.2781, -81.3207** is the 20% darker color. If you saturate the color by 10%, you get **132.3960, 32.3428, -107.3413**, and if you desaturate by 10%, it is **146.7040, 25.2889, -84.8094**.

Distribution



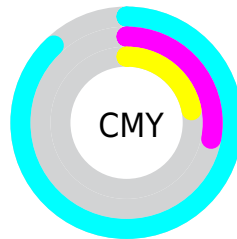
- Red (12%)
- Green (72%)
- Blue (78%)



- Red (12%)
- Yellow (43%)
- Blue (78%)



- Cyan (85%)
- Magenta (7%)
- Yellow (0%)
- Black (22%)



- Cyan (88%)
- Magenta (28%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 139.5500, 28.8159, -96.0753 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 139.5500, 28.8159, -96.0753 by changing the saturation by 10% instead.

■ 139.5500, 28.8159,
-96.0753

■ 139.5500, 28.8159,
-96.0753

■ 255.0000, 0.0000,
0.0000

■ 111.6530, 29.2581,
-97.9197

■ 202.8400, 25.7149,
-81.4207

■ 92.7260, 25.2781,
-81.3207

■ 220.9140, 16.8044,
-70.0846

■ 75.2010, 21.5929,
-65.9513

■ 230.1830, 12.2348,
-51.0265

■ 57.6760, 17.9077,
-50.5819

■ 239.4520, 7.6652,
-31.9684

■ 40.8520, 14.3700,
-35.8272

■ 248.7210, 3.0955,
-12.9103

■ 26.6040, 10.5482,
-23.3317

■ 3.6650, 11.5042,

-3.2142

■ 0.0000, 0.0000,
0.0000

■ 139.5500, 28.8159,
-96.0753

■ 139.5500, 28.8159,
-96.0753

■ 132.3960, 32.3428,
-107.3413

■ 146.7040, 25.2889,
-84.8094

■ 129.4060, 33.8168,
-113.4891

■ 153.2710, 22.0514,
-73.0287

■ 160.1260, 18.6719,
-62.3775

■ 167.2800, 15.1450,
-51.1116

■ 173.8470, 11.9074,
-39.3308

■ 181.0010, 8.3805,
-28.0649

■ 188.1550, 4.8536,
-16.7989

■ 194.4230, 1.7635,
-5.6330

■ 201.5770, -1.7635,
5.6330

Harmonies

Analogous

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



148.9330, 7.9210, -67.4702



139.5500, 28.8159, -96.0753



148.1360, 36.9080, -78.1723

Triad

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



139.5500, 28.8159, -96.0753



171.5090, 15.0321, 32.0026



165.0650, -32.0770, 21.8680

Complementary

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



139.5500, 28.8159, -96.0753



88.4500, -28.8159, 96.0754

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.



167.0490, -27.6322, 42.9300



139.5500, 28.8159, -96.0753



170.2050, -0.5941, 50.6862

Square

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



139.5500, 28.8159, -96.0753



169.5140, 27.3546, -0.4508



169.2150, -15.8820, 54.1854



161.6810, -26.4647, -4.9822

Rectangle

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



139.5500, 28.8159, -96.0753



157.7740, 36.1004, -52.4218



169.2150, -15.8820, 54.1854



165.9350, -31.5200, 29.8750

Sweetspot

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



139.5500, 28.8159, -96.0753



232.9290, 10.8810, -36.7717



130.2120, -42.5025, -87.8859



113.9910, 6.9064, -21.9171



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.



139.5500, 28.8159, -96.0753



166.4280, 43.6660, -145.9574



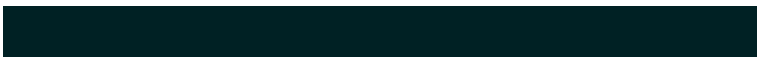
90.2420, 53.1247, -52.8322



96.3090, 1.3267, -5.5330



106.6320, 27.7894, -93.5163



23.4750, 6.1748, -20.5876

Inverse Universe

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



97.7880, 42.5025, 87.8859



102.9210, 64.6219, 133.3733



137.7580, -53.1247, 52.8322



93.7170, 2.6045, 4.6332



65.8370, 41.4924, 85.2120



14.5260, 9.1077, 18.8327

Previews

White Background



This preview shows how the YUV color 139.5500, 28.8159, -96.0753 looks on a white background.

Color Contrast Check

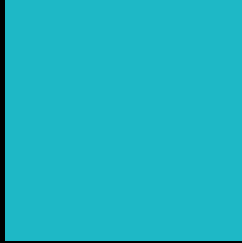
Large Text (above 18pt) WCAG AA × Fail

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 139.5500, 28.8159, -96.0753 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

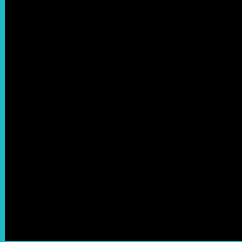
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

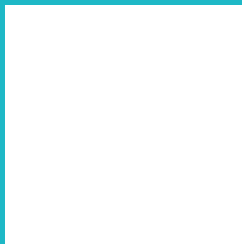
Any Text WCAG AAA ✓ Pass

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

YUV 139.5500, 28.8159, -96.0753 Background



This preview shows how black text looks on a background with the YUV color 139.5500, 28.8159, -96.0753.

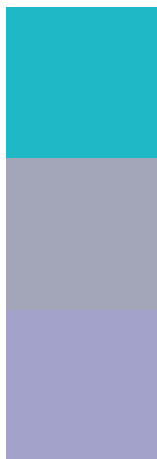


This preview shows how white text looks on a background with the YUV color 139.5500, 28.8159,

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

139.5500, 28.8159, -96.0753

Protanopia

166.6820, 9.0308, -3.2291

Deuteranopia

166.9730, 17.7613, -3.4843



Tritanopia

139.9630, 29.1052, -95.5606

Trichromacy



Original Color

139.5500, 28.8159, -96.0753



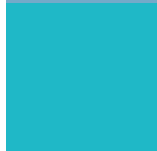
Protanomaly

157.0090, 16.2646, -36.8419



Deuteranomaly

157.0890, 21.6481, -36.9121



Tritanomaly

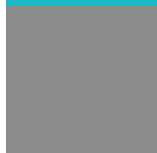
139.9630, 29.1052, -95.5606

Monochromacy



Original Color

139.5500, 28.8159, -96.0753



Achromatopsia

140.0000, 0.0000, 0.0000



Achromatomaly

139.8260, 10.4388, -34.9274

CSS Examples

Text

The CSS property to change the color of the text to YUV 139.5500, 28.8159, -96.0753 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(30, 184, 198)` looks like.

```
.text, #text, p{  
    color:rgb(30, 184, 198)  
}
```

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(30, 184, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 184, 198) }
```

Border

The CSS property to change the border of an element to YUV 139.5500, 28.8159, -96.0753 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(30, 184, 198) }
```


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

```
.border{ border-color:rgb(30, 184, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 184, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 184, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 184, 198);  
box-shadow:4px 4px 4px 4px rgb(30, 184,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 139.5500, 28.8159, -96.0753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 184, 198) }
```

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

```
.background{ background-color: rgb(30, 184,  
198) }
```

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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