

Converting Colors

YUV(159.5560, 13.0369,
-75.0326)

Have a look what the booklet for
YUV(159.5560, 13.0369, -75.0326)
contains.

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Color

**YUV(159.5560, 13.0369,
-75.0326)**

Conversions

Conversions Part 1

Format	Color
Hex	4AC6BA
RGB	74, 198, 186
RGB Percent	29%, 78%, 73%
CMY	0.7098, 0.2235, 0.2706
CMYK	0.63, 0.00, 0.06, 0.22
HSL	174°, 52%, 53%
HSV	174°, 63%, 78%
XYZ	31.8810, 45.3892, 53.5351
YIQ	159.5560, -70.0520, -30.0200

Conversions

Conversions Part 2

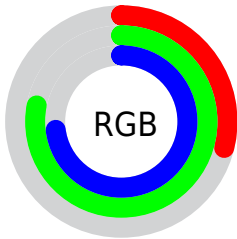
Format	Color
RYB	74, 139, 198
Decimal	4900538
CIELab	73.15, -36.85, -4.15
CIELCh	73, 37.085, 186.428
Yxy	45.3892, 0.2437, 0.3470
Android (android.graphics.Color)	4283090618 (0xFF4AC6BA)
YUV	159.5560, 13.0369, -75.0326
Hunter-Lab	67.3715, -33.4316, 0.0467

Details

The YUV color **159.5560, 13.0369, -75.0326** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted spring green. A complement of this color would be **112.4440, -13.0369, 75.0326**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.9370, 11.8631, -71.8587**, and **99.1030, 16.7112, -86.9133** is the 20% darker color. If you saturate the color by 10%, you get **153.3480, 15.1114, -87.1282**, and if you desaturate by 10%, it is **165.7640, 10.9623, -62.9370**.

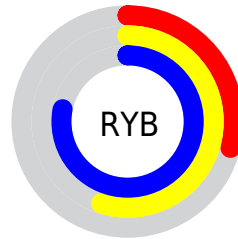
Distribution



Red (29%)

Green (78%)

Blue (73%)



Red (29%)

Yellow (55%)

Blue (78%)

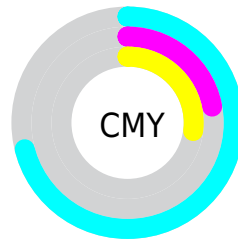


Cyan (63%)

Magenta (0%)

Yellow (6%)

Black (22%)



Cyan (71%)

Magenta (22%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.5560, 13.0369, -75.0326 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 159.5560, 13.0369, -75.0326 by changing the saturation by 10% instead.

■ 159.5560, 13.0369,
-75.0326

■ 159.5560, 13.0369,
-75.0326

255.0000, 0.0000,
0.0000

■ 128.6800, 14.9478,
-81.2804

■ 217.9370, 11.8631,
-71.8587

■ 99.1030, 16.7112,
-86.9133

■ 228.3890, 13.1192,
-54.7152

■ 80.9910, 13.3154,
-71.0291

■ 237.0600, 8.8444,
-36.8866

■ 63.5800, 10.0671,
-55.7597

■ 246.0300, 4.4222,
-18.4433

■ 46.8700, 6.9661,
-41.1050

■ 30.8610, 4.0125,
-27.0651

■ 13.9060, 2.5113,

-12.1956

■ 0.0000, 0.0000,
0.0000

■ 159.5560, 13.0369,
-75.0326

■ 159.5560, 13.0369,
-75.0326

■ 153.3480, 15.1114,
-87.1282

■ 165.7640, 10.9623,
-62.9370

■ 147.1400, 17.1860,
-99.2238

■ 171.9720, 8.8878,
-50.8414

■ 141.2310, 19.1131,
-110.7046

■ 177.8810, 6.9607,
-39.3606

■ 136.6320, 20.8874,
-119.8263

■ 184.0890, 4.8861,
-27.2651

■ 190.2970, 2.8116,
-15.1695

■ 196.3910, 0.3002,
-2.9739

■ 202.5990, -1.7743,
9.1217

■ 208.5080, -3.7014,
20.6025

■ 214.7160, -5.7760,
32.6981

Harmonies

Analogous

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



167.2490, -8.0108, -44.0684



159.5560, 13.0369, -75.0326



154.6690, 31.7152, -92.6717

Triad

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



159.5560, 13.0369, -75.0326



182.9990, 25.1435, 8.7709



179.3430, -30.2421, 40.0412

Complementary

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



159.5560, 13.0369, -75.0326



112.4440, -13.0369, 75.0326

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.



181.4770, -19.9552, 53.9557



159.5560, 13.0369, -75.0326



184.2280, 11.2266, 39.2650

Square

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



159.5560, 13.0369, -75.0326



176.5750, 34.7195, -29.4453



182.7880, -4.8255, 54.5599



176.6190, -32.3502, 16.1201

Rectangle

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



159.5560, 13.0369, -75.0326



161.0110, 36.4766, -79.8166



182.7880, -4.8255, 54.5599



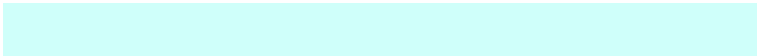
179.7720, -27.4956, 45.8040

Sweetspot

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



159.5560, 13.0369, -75.0326



240.0780, 4.8915, -29.0094



150.3760, -37.6534, -56.4578



118.6880, 3.1118, -18.1434



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.



159.5560, 13.0369, -75.0326



195.7250, 19.8556, -115.5228



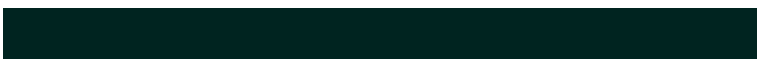
131.5740, 32.7480, -50.4924



96.1950, 0.8899, -5.4330



112.4390, 17.0386, -98.6090



24.7800, 3.5595, -21.7321

Inverse Universe

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



112.4440, -13.0369, 75.0326



123.1610, -20.2924, 115.6228



140.4260, -32.7480, 50.4924



92.6910, -1.3267, 5.5330



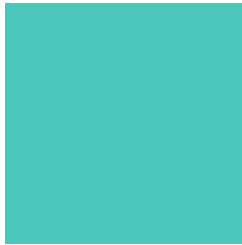
50.5610, -17.0386, 98.6090



11.1060, -3.9963, 21.8320

Previews

White Background



This preview shows how the YUV color 159.5560, 13.0369, -75.0326 looks on a white background.

Color Contrast Check

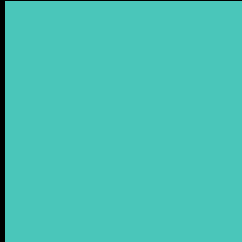
Large Text (above 18pt) WCAG AA × Fail

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 159.5560, 13.0369, -75.0326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

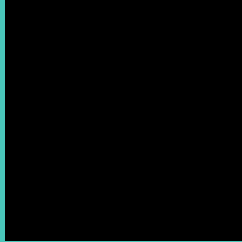
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

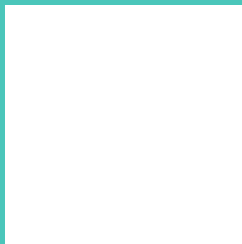
Any Text WCAG AAA ✓ Pass

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

YUV 159.5560, 13.0369, -75.0326 Background



This preview shows how black text looks on a background with the YUV color 159.5560, 13.0369, -75.0326.



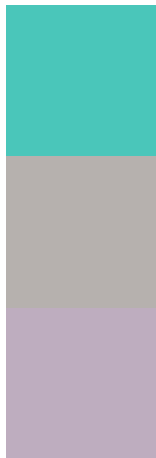
This preview shows how white text looks on a background with the YUV color 159.5560, 13.0369, -75.0326.

-75.0326.

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

159.5560, 13.0369, -75.0326

Protanopia

178.1530, -2.0474, 3.3738

Deuteranopia

180.1350, 5.3564, 8.6516



Tritanopia

163.2330, 23.0561, -68.6103

Trichromacy



Original Color

159.5560, 13.0369, -75.0326



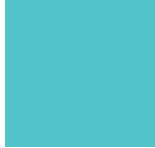
Protanomaly

171.6440, 3.1335, -25.1208



Deuteranomaly

172.6320, 8.0694, -21.6023



Tritanomaly

161.5980, 19.4252, -70.6844

Monochromacy



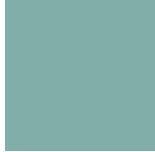
Original Color

159.5560, 13.0369, -75.0326



Achromatopsia

160.0000, 0.0000, 0.0000



Achromatomaly

159.9750, 4.4493, -27.1651

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.5560, 13.0369, -75.0326 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, 198, 186)` looks like.

```
.text, #text, p{  
    color:rgb(74, 198, 186)  
}
```

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, 198, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 198, 186) }
```

Border

The CSS property to change the border of an element to YUV 159.5560, 13.0369, -75.0326 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, 198, 186) }
```


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

```
.border{ border-color:rgb(74, 198, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 198, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 198, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 198, 186);  
box-shadow:4px 4px 4px 4px rgb(74, 198,  
186) }
```

Background

The CSS property to change the background color of an element to YUV 159.5560, 13.0369, -75.0326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 198, 186) }
```

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

```
.background{ background-color: rgb(74, 198,  
186) }
```

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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