

Converting Colors

YUV(129.3310, 21.0358,
-73.9583)

Have a look what the booklet for
YUV(129.3310, 21.0358, -73.9583)
contains.

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Color

**YUV(129.3310, 21.0358,
-73.9583)**

Conversions

Conversions Part 1

Format	Color
Hex	2DA4AC
RGB	45, 164, 172
RGB Percent	18%, 64%, 67%
CMY	0.8235, 0.3569, 0.3255
CMYK	0.74, 0.05, 0.00, 0.33
HSL	184°, 59%, 43%
HSV	184°, 74%, 67%
XYZ	21.8040, 30.0874, 43.6880
YIQ	129.3310, -73.4920, -22.7400

Conversions

Conversions Part 2

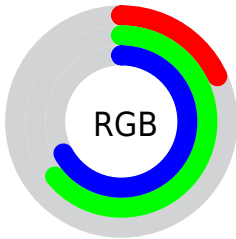
Format	Color
R _Y B	45, 106, 172
Decimal	2991276
CIE Lab	61.73, -28.96, -13.50
CIE LCh	62, 31.951, 204.988
Yxy	30.0874, 0.2281, 0.3148
Android (android.graphics.Color)	4281181356 (0xFF2DA4AC)
YUV	129.3310, 21.0358, -73.9583
Hunter-Lab	54.8520, -25.0359, -8.8264

Details

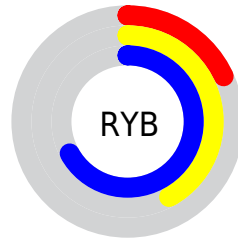
The YUV color **129.3310, 21.0358, -73.9583** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **87.6690, -21.0358, 73.9583**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.6200, 19.4143, -67.1957**, and **79.4240, 20.0040, -69.6548** is the 20% darker color. If you saturate the color by 10%, you get **123.6610, 23.8311, -83.8947**, and if you desaturate by 10%, it is **135.0010, 18.2405, -64.0219**.

Distribution



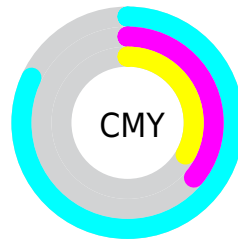
- Red (18%)
- Green (64%)
- Blue (67%)



- Red (18%)
- Yellow (42%)
- Blue (67%)



- Cyan (74%)
- Magenta (5%)
- Yellow (0%)
- Black (33%)



- Cyan (82%)
- Magenta (36%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 129.3310, 21.0358, -73.9583 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 129.3310, 21.0358, -73.9583 by changing the saturation by 10% instead.

■ 129.3310, 21.0358,
-73.9583

■ 129.3310, 21.0358,
-73.9583

■ 255.0000, 0.0000,
0.0000

■ 96.9490, 23.6891,
-85.0243

■ 187.6200, 19.4143,
-67.1957

■ 79.4240, 20.0040,
-69.6548

■ 216.8050, 18.8301,
-66.4810

■ 61.8990, 16.3188,
-54.2854

■ 229.5850, 12.5296,
-52.2560

■ 45.0750, 12.7810,
-39.5308

■ 238.5550, 8.1074,
-33.8127

■ 29.6530, 9.5381,
-26.0057

■ 247.5250, 3.6852,
-15.3694

■ 10.8230, 8.4683,
-9.4918

■ 0.0000, 0.0000,

0.0000

■ 129.3310, 21.0358,
-73.9583

■ 129.3310, 21.0358,
-73.9583

■ 123.6610, 23.8311,
-83.8947

■ 135.0010, 18.2405,
-64.0219

■ 117.9910, 26.6264,
-93.8311

■ 140.6710, 15.4452,
-54.0855

■ 114.1150, 28.5373,
-100.0789

■ 146.6400, 12.5025,
-43.5343

■ 152.3100, 9.7072,
-33.5979

■ 157.9800, 6.9119,
-23.6615

■ 164.2370, 3.8272,
-14.2398

■ 169.9070, 1.0318,
-4.3034

■ 175.8760, -1.9109,
6.2477

■ 181.5460, -4.7062,
16.1842

Harmonies

Analogous

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



134.9950, 3.9465, -52.6156



129.3310, 21.0358, -73.9583



133.1930, 30.4709, -66.8213

Triad

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



129.3310, 21.0358, -73.9583



153.2260, 14.1856, 23.4808



147.7320, -26.9829, 21.2830

Complementary

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



129.3310, 21.0358, -73.9583



87.6690, -21.0358, 73.9583

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.



149.6940, -22.5271, 38.8564



129.3310, 21.0358, -73.9583



152.6060, 1.1802, 41.5645

Square

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



129.3310, 21.0358, -73.9583



150.9820, 24.1659, -4.3692



151.1970, -11.9291, 46.3082



145.0990, -23.7128, -0.9638

Rectangle

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



129.3310, 21.0358, -73.9583



140.4280, 30.8480, -47.7334



151.1970, -11.9291, 46.3082



148.3030, -26.2784, 28.6753

Sweetspot

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



129.3310, 21.0358, -73.9583



207.5880, 8.0911, -28.5797



120.2330, -34.1319, -65.9793



102.1550, 4.8536, -16.7989



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



129.3310, 21.0358, -73.9583



157.4550, 32.8067, -116.1630



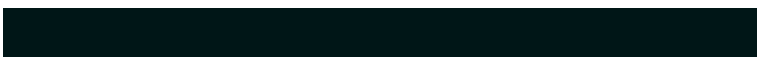
92.9370, 38.9781, -42.0407



83.7220, 1.6161, -5.0182



99.8670, 24.7156, -87.5834



15.5360, 3.6798, -13.6251

Inverse Universe

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



96.5390, 33.2583, 66.1793



105.8190, 52.3472, 103.6447



124.0630, -38.9781, 42.0407



81.6030, 2.1677, 4.7332



60.9240, 39.4775, 78.1197



9.3850, 6.2192, 11.9404

Previews

White Background



This preview shows how the YUV color 129.3310, 21.0358, -73.9583 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 129.3310, 21.0358, -73.9583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

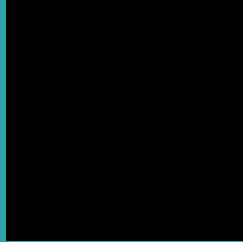
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

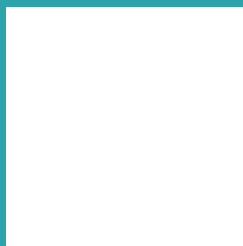
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 129.3310, 21.0358, -73.9583

Background



This preview shows how black text looks on a background with the YUV color 129.3310, 21.0358, -73.9583.



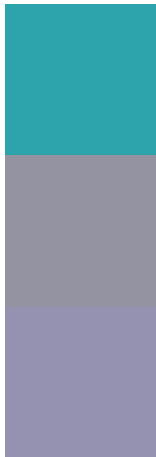
This preview shows how white text looks on a background with the YUV color 129.3310, 21.0358, -73.9583.

-73.9583.

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

129.3310, 21.0358, -73.9583

Protanopia

148.5960, 6.1152, -1.3997

Deuteranopia

149.7300, 12.9511, -0.6402



Tritanopia

130.2110, 23.0670, -72.0990

Trichromacy



Original Color

129.3310, 21.0358, -73.9583

Protanomaly

141.5110, 11.5801, -27.6351

Deuteranomaly

142.3630, 16.0900, -27.5054

Tritanomaly

129.6840, 22.3408, -72.5139

Monochromacy



Original Color

129.3310, 21.0358, -73.9583

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

129.1860, 7.7963, -27.3501

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.3310, 21.0358, -73.9583 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(45, 164, 172)` looks like.

```
.text, #text, p{  
    color:rgb(45, 164, 172)  
}
```

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(45, 164, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 164, 172) }
```

Border

The CSS property to change the border of an element to YUV 129.3310, 21.0358, -73.9583 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(45, 164, 172) }
```


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

```
.border{ border-color:rgb(45, 164, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 164, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 164, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 164, 172);  
box-shadow:4px 4px 4px 4px rgb(45, 164,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 129.3310, 21.0358, -73.9583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 164, 172) }
```

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

```
.background{ background-color: rgb(45, 164,  
172) }
```

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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