

Converting Colors

YUV(129.9990, 21.1995,
-79.8061)

Have a look what the booklet for
YUV(129.9990, 21.1995, -79.8061)
contains.

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Color

**YUV(129.9990, 21.1995,
-79.8061)**

Conversions

Conversions Part 1

Format	Color
Hex	27A8AD
RGB	39, 168, 173
RGB Percent	15%, 66%, 68%
CMY	0.8471, 0.3412, 0.3216
CMYK	0.77, 0.03, 0.00, 0.32
HSL	182°, 63%, 42%
HSV	182°, 77%, 68%
XYZ	22.3822, 31.4537, 44.4267
YIQ	129.9990, -78.4890, -25.7930

Conversions

Conversions Part 2

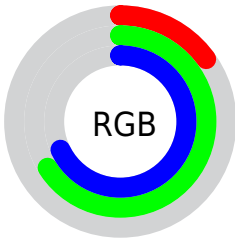
Format	Color
RYB	39, 105, 173
Decimal	2599085
CIELab	62.89, -31.28, -12.32
CIELCh	63, 33.616, 201.508
Yxy	31.4537, 0.2278, 0.3201
Android (android.graphics.Color)	4280789165 (0xFF27A8AD)
YUV	129.9990, 21.1995, -79.8061
Hunter-Lab	56.0836, -26.9096, -7.7081

Details

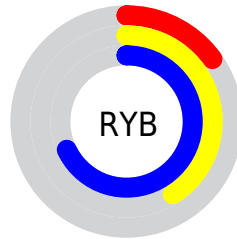
The YUV color **129.9990, 21.1995, -79.8061** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **82.0010, -21.1995, 79.8061**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.7720, 18.8464, -71.7140**, and **81.2990, 19.5726, -71.2992** is the 20% darker color. If you saturate the color by 10%, you get **124.3290, 23.9948, -89.7425**, and if you desaturate by 10%, it is **135.6690, 18.4042, -69.8697**.

Distribution



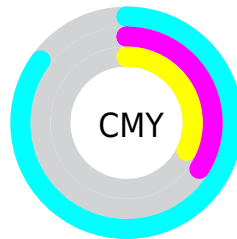
- Red (15%)
- Green (66%)
- Blue (68%)



- Red (15%)
- Yellow (41%)
- Blue (68%)



- Cyan (77%)
- Magenta (3%)
- Yellow (0%)
- Black (32%)



- Cyan (85%)
- Magenta (34%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 129.9990, 21.1995, -79.8061 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 129.9990, 21.1995, -79.8061 by changing the saturation by 10% instead.

■ 129.9990, 21.1995,
-79.8061

■ 129.9990, 21.1995,
-79.8061

■ 255.0000, 0.0000,
0.0000

■ 99.4110, 22.9684,
-87.1834

■ 189.7720, 18.8464,
-71.7140

■ 81.2990, 19.5726,
-71.2992

■ 218.5550, 17.9674,
-69.7697

■ 63.7740, 15.8874,
-55.9298

■ 228.9870, 12.8244,
-53.4856

■ 46.9500, 12.3497,
-41.1751

■ 237.9570, 8.4022,
-35.0423

■ 30.9410, 9.3961,
-27.1353

■ 246.9270, 3.9800,
-16.5990

■ 14.4590, 7.1687,
-12.6805

■ 0.0000, 0.0000,

0.0000

■ 129.9990, 21.1995,
-79.8061

■ 129.9990, 21.1995,
-79.8061

■ 124.3290, 23.9948,
-89.7425

■ 135.6690, 18.4042,
-69.8697

■ 118.9470, 26.6481,
-100.8085

■ 141.0510, 15.7509,
-58.8037

■ 117.7510, 27.2378,
-103.2676

■ 146.7210, 12.9555,
-48.8673

■ 152.3910, 10.1602,
-38.9309

■ 157.7730, 7.5069,
-27.8649

■ 163.4430, 4.7116,
-17.9285

■ 169.1130, 1.9163,
-7.9921

■ 174.1960, -0.5896,
2.4591

■ 180.1650, -3.5323,
13.0103

Harmonies

Analogous

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



138.1260, 1.9099, -52.7305



129.9990, 21.1995, -79.8061



133.1810, 31.9558, -76.4577

Triad

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



129.9990, 21.1995, -79.8061



156.4970, 16.5170, 22.3661



150.7110, -28.4515, 25.6865

Complementary

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



129.9990, 21.1995, -79.8061



82.0010, -21.1995, 79.8061

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.



152.7160, -22.5380, 42.3451



129.9990, 21.1995, -79.8061



156.0730, 2.9220, 42.9090

Square

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



129.9990, 21.1995, -79.8061



153.6440, 26.7975, -8.4578



154.4470, -11.0664, 49.5970



147.9530, -25.6128, 1.7952

Rectangle

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



129.9990, 21.1995, -79.8061



140.9540, 33.0537, -55.2107



154.4470, -11.0664, 49.5970



151.6840, -27.4522, 31.8491

Sweetspot

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



129.9990, 21.1995, -79.8061



207.5770, 8.0965, -30.3240



118.1140, -37.0312, -69.3830



102.1440, 4.8590, -18.5433



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.



129.9990, 21.1995, -79.8061



157.6990, 32.6864, -124.2700



91.2570, 40.2993, -45.8294



83.7220, 1.6161, -5.0182



102.2150, 23.5580, -89.6426



15.5360, 3.6798, -13.6251

Inverse Universe

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



93.7720, 36.5944, 69.4830



101.1060, 57.1357, 107.7780



120.7430, -40.2993, 45.8294



81.6030, 2.1677, 4.7332



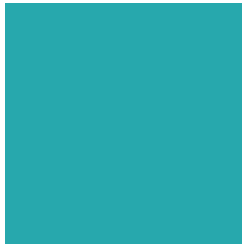
61.3800, 41.2247, 77.7197



9.3850, 6.2192, 11.9404

Previews

White Background



This preview shows how the YUV color 129.9990, 21.1995, -79.8061 looks on a white background.

Color Contrast Check

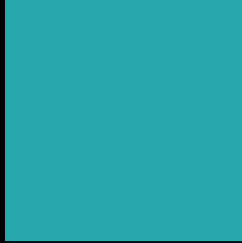
Large Text (above 18pt) WCAG AA × Fail

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 129.9990, 21.1995, -79.8061 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

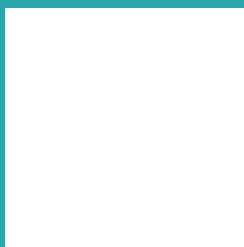
Any Text WCAG AAA ✓ Pass

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

YUV 129.9990, 21.1995, -79.8061 Background



This preview shows how black text looks on a background with the YUV color 129.9990, 21.1995, -79.8061.

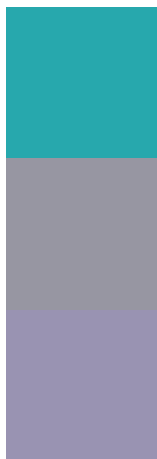


This preview shows how white text looks on a background with the YUV color 129.9990, 21.1995, -79.8061.

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

129.9990, 21.1995, -79.8061

Protanopia

151.6670, 5.0942, -0.5850

Deuteranopia

152.3280, 12.6563, 0.5893



Tritanopia

132.0040, 23.6620, -76.3025

Trichromacy



Original Color

129.9990, 21.1995, -79.8061

Protanomaly

143.9730, 10.8593, -29.7943

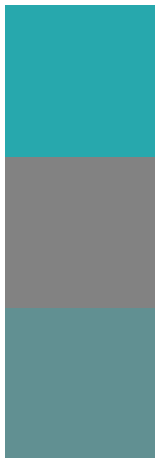
Deuteranomaly

144.5370, 15.5113, -28.5349

Tritanomaly

131.0640, 22.6464, -77.2321

Monochromacy



Original Color

129.9990, 21.1995, -79.8061

Achromatopsia

130.0000, 0.0000, 0.0000

Achromatomaly

130.1750, 7.8017, -29.0945

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.9990, 21.1995, -79.8061 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(39, 168, 173)` looks like.

```
.text, #text, p{  
    color:rgb(39, 168, 173)  
}
```

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(39, 168, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 168, 173) }
```

Border

The CSS property to change the border of an element to YUV 129.9990, 21.1995, -79.8061 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(39, 168, 173) }
```


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

```
.border{ border-color:rgb(39, 168, 173) }
```

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

Here you see how a box with a 4 pixel rgb(39, 168, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 168, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 168, 173);  
box-shadow:4px 4px 4px 4px rgb(39, 168,  
173) }
```

Background

The CSS property to change the background color of an element to YUV 129.9990, 21.1995, -79.8061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 168, 173) }
```

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

```
.background{ background-color: rgb(39, 168,  
173) }
```

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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