

Converting Colors

YUV(135.4290, 19.0155,
-79.3062)

Have a look what the booklet for
YUV(135.4290, 19.0155, -79.3062)
contains.

YUV(135.4290, 19.0155, -79.3062)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(135.4290, 19.0155,
-79.3062)**

Conversions

Conversions Part 1

Format	Color
Hex	2DAEAE
RGB	45, 174, 174
RGB Percent	18%, 68%, 68%
CMY	0.8235, 0.3176, 0.3176
CMYK	0.74, 0.00, 0.00, 0.32
HSL	180°, 59%, 43%
HSV	180°, 74%, 68%
XYZ	23.8582, 33.8860, 45.3276
YIQ	135.4290, -76.8840, -27.3480

Conversions

Conversions Part 2

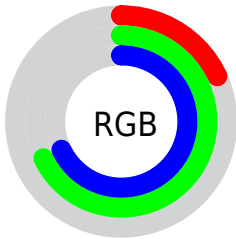
Format	Color
RYB	45, 110, 174
Decimal	2993838
CIELab	64.87, -33.18, -9.90
CIElCh	65, 34.626, 196.616
Yxy	33.8860, 0.2315, 0.3288
Android (android.graphics.Color)	4281183918 (0xFF2DAEAE)
YUV	135.4290, 19.0155, -79.3062
Hunter-Lab	58.2117, -28.7117, -5.4191

Details

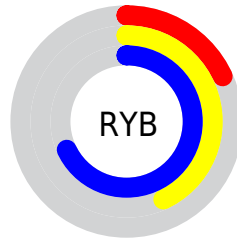
The YUV color **135.4290, 19.0155, -79.3062** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **83.5710, -19.0155, 79.3062**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.9030, 16.8098, -71.8289**, and **84.9350, 18.2730, -74.4880** is the 20% darker color. If you saturate the color by 10%, you get **130.3460, 21.5214, -89.7574**, and if you desaturate by 10%, it is **140.5120, 16.5096, -68.8550**.

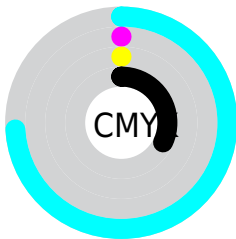
Distribution



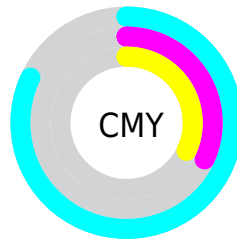
- Red (18%)
- Green (68%)
- Blue (68%)



- Red (18%)
- Yellow (43%)
- Blue (68%)



- Cyan (74%)
- Magenta (0%)
- Yellow (0%)
- Black (32%)




- Cyan (82%)
- Magenta (32%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the YUV color 135.4290, 19.0155, -79.3062 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 135.4290, 19.0155, -79.3062 by changing the saturation by 10% instead.


 135.4290, 19.0155,
-79.3062


 135.4290, 19.0155,
-79.3062


255.0000, 0.0000,
0.0000


 103.0470, 21.6688,
-90.3722


 194.9030, 16.8098,
-71.8289


 84.9350, 18.2730,
-74.4880


 221.5120, 16.5096,
-68.8550


 67.4100, 14.5879,
-59.1186

 230.4820, 12.0874,
-50.4117

 49.9990, 11.3395,
-43.8491

 239.1530, 7.8126,
-32.5832

 33.9900, 8.3859,
-29.8092

 248.4220, 3.2430,
-13.5251

 19.2690, 5.2904,
-16.8989

 0.3420, 1.3104,

-0.2999

■ 0.0000, 0.0000,
0.0000

■ 135.4290, 19.0155,
-79.3062

■ 135.4290, 19.0155,
-79.3062

■ 130.3460, 21.5214,
-89.7574

■ 140.5120, 16.5096,
-68.8550

■ 124.9640, 24.1747,
-100.8234

■ 145.8940, 13.8563,
-57.7890

■ 121.9740, 25.6488,
-106.9712

■ 150.9770, 11.3503,
-47.3378

■ 156.3590, 8.6970,
-36.2718

■ 161.4420, 6.1911,
-25.8206

■ 166.5250, 3.6852,
-15.3694

■ 171.9070, 1.0318,
-4.3034

■ 176.9900, -1.4741,
6.1478

■ 182.3720, -4.1274,
17.2138

Harmonies

Analogous

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



143.7520, -0.8637, -49.7715



135.4290, 19.0155, -79.3062



135.2510, 32.4143, -83.5351

Triad

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



135.4290, 19.0155, -79.3062



161.1590, 19.1486, 18.2776



156.5050, -29.3360, 29.3751

Complementary

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



135.4290, 19.0155, -79.3062



83.5710, -19.0155, 79.3062

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.



158.2650, -21.8226, 46.2486



135.4290, 19.0155, -79.3062



161.4580, 5.6902, 41.6943

Square

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



135.4290, 19.0155, -79.3062



157.2950, 29.4346, -14.2907



159.9140, -9.3246, 50.9414



153.7040, -27.9551, 6.3986

Rectangle

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



135.4290, 19.0155, -79.3062



143.5400, 34.2438, -63.6176



159.9140, -9.3246, 50.9414



157.0050, -27.6105, 35.9526

Sweetspot

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



135.4290, 19.0155, -79.3062



212.0500, 7.3703, -30.7389



120.7230, -37.3314, -66.4091



106.0300, 4.4222, -18.4433



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



135.4290, 19.0155, -79.3062



166.6020, 29.7762, -124.1850



97.8610, 37.5365, -46.3591



84.3090, 1.3267, -5.5330



105.1500, 22.1110, -92.2166



16.1230, 3.3904, -14.1399

Inverse Universe

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



98.2770, 37.3314, 66.4091



108.4260, 58.4570, 103.9894



121.7260, -37.8259, 45.8443



81.7170, 2.6045, 4.6332



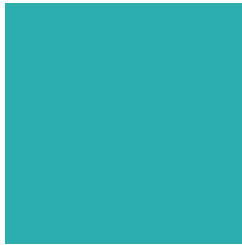
61.9500, 43.4087, 77.2198



9.4990, 6.6560, 11.8404

Previews

White Background



This preview shows how the YUV color 135.4290, 19.0155, -79.3062 looks on a white background.

Color Contrast Check

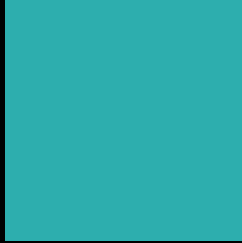
Large Text (above 18pt) WCAG AA × Fail

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 135.4290, 19.0155, -79.3062 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

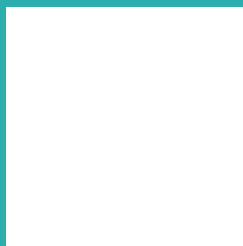
Any Text WCAG AAA ✓ Pass

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

YUV 135.4290, 19.0155, -79.3062 Background



This preview shows how black text looks on a background with the YUV color 135.4290, 19.0155, -79.3062.



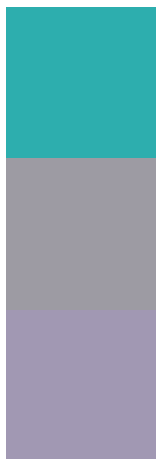
This preview shows how white text looks on a background with the YUV color 135.4290, 19.0155, -79.3062.

-79.3062.

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

135.4290, 19.0155, -79.3062

Protanopia

156.5100, 3.1996, 0.4297

Deuteranopia

157.7690, 10.4669, 2.8336



Tritanopia

138.0150, 23.6566, -74.5582

Trichromacy



Original Color

135.4290, 19.0155, -79.3062

Protanomaly

148.8160, 8.9647, -28.7796

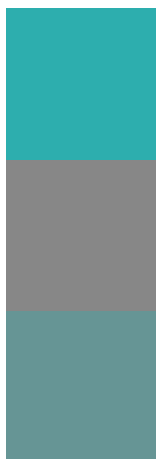
Deuteranomaly

149.6790, 13.4693, -26.9055

Tritanomaly

137.2490, 22.0622, -76.5174

Monochromacy



Original Color

135.4290, 19.0155, -79.3062

Achromatopsia

135.0000, 0.0000, 0.0000

Achromatomaly

134.9470, 6.9281, -28.8945

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.4290, 19.0155, -79.3062 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, 174, 174)` looks like.

```
.text, #text, p{  
    color:rgb(45, 174, 174)  
}
```

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, 174, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 174, 174) }
```

Border

The CSS property to change the border of an element to YUV 135.4290, 19.0155, -79.3062 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, 174, 174) }
```


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

```
.border{ border-color:rgb(45, 174, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 174, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 174, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 174, 174);  
box-shadow:4px 4px 4px 4px rgb(45, 174,  
174) }
```

Background

The CSS property to change the background color of an element to YUV 135.4290, 19.0155, -79.3062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 174, 174) }
```

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

```
.background{ background-color: rgb(45, 174,  
174) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor