

Converting Colors

YUV(135.9300, 19.2615,
-64.8366)

Have a look what the booklet for
YUV(135.9300, 19.2615, -64.8366)
contains.

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Color

**YUV(135.9300, 19.2615,
-64.8366)**

Conversions

Conversions Part 1

Format	Color
Hex	3EA6AF
RGB	62, 166, 175
RGB Percent	24%, 65%, 69%
CMY	0.7569, 0.3490, 0.3137
CMYK	0.65, 0.05, 0.00, 0.31
HSL	185°, 48%, 46%
HSV	185°, 65%, 69%
XYZ	23.3607, 31.3917, 45.3854
YIQ	135.9300, -64.8730, -19.2490

Conversions

Conversions Part 2

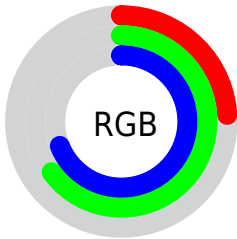
Format	Color
R _{YB}	62, 116, 175
Decimal	4105903
CIE Lab	62.84, -26.62, -13.47
CIE LCh	63, 29.832, 206.849
Yxy	31.3917, 0.2333, 0.3135
Android (android.graphics.Color)	4282295983 (0xFF3EA6AF)
YUV	135.9300, 19.2615, -64.8366
Hunter-Lab	56.0283, -23.6250, -8.8077

Details

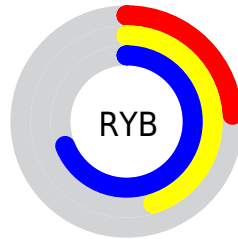
The YUV color **135.9300, 19.2615, -64.8366** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **101.0700, -19.2615, 64.8366**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.8380, 18.8139, -61.2479**, and **80.9400, 20.7356, -70.9844** is the 20% darker color. If you saturate the color by 10%, you get **130.2600, 22.0568, -74.7730**, and if you desaturate by 10%, it is **141.8990, 16.3188, -54.2854**.

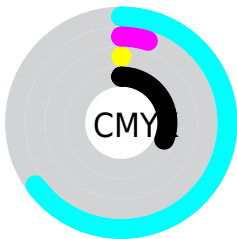
Distribution



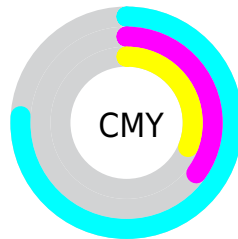
- Red (24%)
- Green (65%)
- Blue (69%)



- Red (24%)
- Yellow (45%)
- Blue (69%)



- Cyan (65%)
- Magenta (5%)
- Yellow (0%)
- Black (31%)



- Cyan (76%)
- Magenta (35%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.9300, 19.2615, -64.8366 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 135.9300, 19.2615, -64.8366 by changing the saturation by 10% instead.

■ 135.9300, 19.2615,
-64.8366

■ 135.9300, 19.2615,
-64.8366

■ 255.0000, 0.0000,
0.0000

■ 104.7440, 21.3252,
-73.4435

■ 192.8380, 18.8139,
-61.2479

■ 80.9400, 20.7356,
-70.9844

■ 221.2680, 16.6299,
-60.7480

■ 63.4150, 17.0504,
-55.6150

■ 232.8740, 10.9081,
-45.4935

■ 46.5910, 13.5126,
-40.8603

■ 241.8440, 6.4859,
-27.0502

■ 30.4680, 10.1223,
-26.7204

■ 250.5150, 2.2111,
-9.2217

■ 14.5730, 7.6055,
-12.7805

■ 0.3420, 1.3104,

-0.2999

■ 0.0000, 0.0000,
0.0000

■ 135.9300, 19.2615,
-64.8366

■ 135.9300, 19.2615,
-64.8366

■ 130.2600, 22.0568,
-74.7730

■ 141.8990, 16.3188,
-54.2854

■ 123.7040, 25.2889,
-84.8094

■ 148.1560, 13.2341,
-44.8638

■ 117.7350, 28.2316,
-95.3606

■ 154.1250, 10.2914,
-34.3126

■ 114.4570, 29.8477,
-100.3788

■ 160.3820, 7.2067,
-24.8910

■ 166.3510, 4.2640,
-14.3398

■ 172.0210, 1.4686,
-4.4034

■ 178.5770, -1.7635,
5.6330

■ 184.2470, -4.5588,
15.5694

■ 190.5040, -7.6435,
24.9910

Harmonies

Analogous

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



139.1310, 4.3724, -49.2269



135.9300, 19.2615, -64.8366



139.5640, 27.8229, -57.4996

Triad

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



135.9300, 19.2615, -64.8366



155.7700, 12.4384, 23.8807



150.4760, -25.3777, 19.7535

Complementary

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



135.9300, 19.2615, -64.8366



101.0700, -19.2615, 64.8366

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.



152.6120, -21.5007, 36.2973



135.9300, 19.2615, -64.8366



155.3670, 0.3121, 40.0201

Square

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



135.9300, 19.2615, -64.8366



153.8360, 22.2659, -1.6102



154.3600, -12.5025, 43.5343



147.9570, -21.6708, -2.5933

Rectangle

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



135.9300, 19.2615, -64.8366



145.1900, 28.5003, -41.3856



154.3600, -12.5025, 43.5343



151.3350, -24.8152, 26.0162

Sweetspot

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



135.9300, 19.2615, -64.8366



212.3820, 7.2067, -24.8910



129.2430, -29.2068, -58.9721



105.7530, 4.5588, -15.5694



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.



135.9300, 19.2615, -64.8366



166.4570, 29.8477, -100.3788



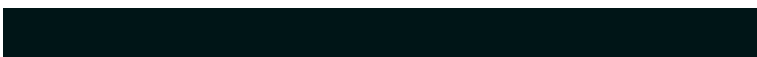
103.6450, 35.1780, -36.5227



83.7220, 1.6161, -5.0182



98.1060, 25.5837, -86.0390



14.9490, 3.9691, -13.1103

Inverse Universe

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



107.6430, 28.7700, 59.0721



122.6790, 44.5283, 91.4895



133.3550, -35.1780, 36.5227



81.6030, 2.1677, 4.7332



60.5820, 38.1671, 78.4196



9.2710, 5.7824, 12.0403

Previews

White Background



This preview shows how the YUV color 135.9300, 19.2615, -64.8366 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 135.9300, 19.2615, -64.8366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

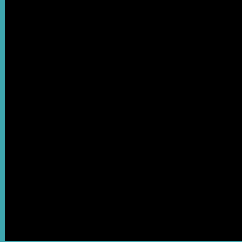
Any Text WCAG AA ✓ Pass

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 135.9300, 19.2615, -64.8366 Background



This preview shows how black text looks on a background with the YUV color 135.9300, 19.2615, -64.8366.



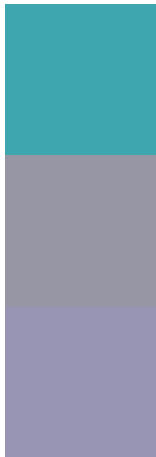
This preview shows how white text looks on a background with the YUV color 135.9300, 19.2615, -64.8366.

-64.8366.

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

135.9300, 19.2615, -64.8366

Protanopia

151.7100, 6.5520, -1.4997

Deuteranopia

152.7300, 12.9511, -0.6402



Tritanopia

136.3970, 21.0033, -63.4922

Trichromacy



Original Color

135.9300, 19.2615, -64.8366

Protanomaly

146.1200, 11.2798, -24.6612

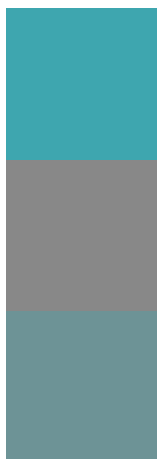
Deuteranomaly

146.8580, 15.3530, -24.4315

Tritanomaly

135.9840, 20.7139, -64.0070

Monochromacy



Original Color

135.9300, 19.2615, -64.8366

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

135.9800, 6.9119, -23.6615

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.9300, 19.2615, -64.8366 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(62, 166, 175)` looks like.

```
.text, #text, p{  
    color:rgb(62, 166, 175)  
}
```

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(62, 166, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 166, 175) }
```

Border

The CSS property to change the border of an element to YUV 135.9300, 19.2615, -64.8366 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(62, 166, 175) }
```


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

```
.border{ border-color:rgb(62, 166, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 166, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 166, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 166, 175);  
box-shadow:4px 4px 4px 4px rgb(62, 166,  
175) }
```

Background

The CSS property to change the background color of an element to YUV 135.9300, 19.2615, -64.8366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 166, 175) }
```

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

```
.background{ background-color: rgb(62, 166,  
175) }
```

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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