

Converting Colors

YUV(135.0010, 31.5515,
-86.8239)

Have a look what the booklet for
YUV(135.0010, 31.5515, -86.8239)
contains.

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Color

**YUV(135.0010, 31.5515,
-86.8239)**

Conversions

Conversions Part 1

Format	Color
Hex	24ADC7
RGB	36, 173, 199
RGB Percent	14%, 68%, 78%
CMY	0.8588, 0.3216, 0.2196
CMYK	0.82, 0.13, 0.00, 0.22
HSL	190°, 69%, 46%
HSV	190°, 82%, 78%
XYZ	25.9799, 34.3857, 59.3007
YIQ	135.0010, -89.9980, -20.9580

Conversions

Conversions Part 2

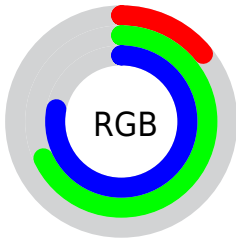
Format	Color
R_{YB}	36, 110, 199
Decimal	2403783
CIE _{Lab}	65.27, -25.80, -23.21
CIE _{LCh}	65, 34.705, 221.978
Yxy	34.3857, 0.2171, 0.2873
Android (android.graphics.Color)	4280593863 (0xFF24ADC7)
YUV	135.0010, 31.5515, -86.8239
Hunter-Lab	58.6393, -23.5351, -18.9111

Details

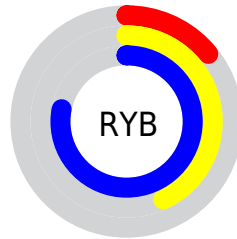
The YUV color **135.0010, 31.5515, -86.8239** is a dark color, and the websafe version is hex **339999**. The color can be described as middle muted azure. A complement of this color would be **99.9990, -31.5515, 86.8239**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.6820, 28.7508, -75.1431**, and **86.9700, 28.6088, -76.2727** is the 20% darker color. If you saturate the color by 10%, you get **127.2600, 35.3678, -97.5750**, and if you desaturate by 10%, it is **142.7420, 27.7352, -76.0727**.

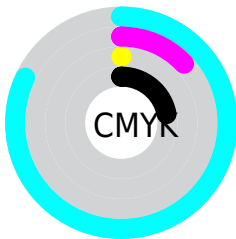
Distribution



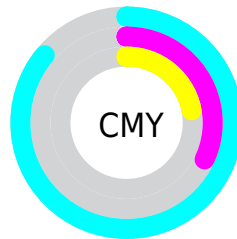
- Red (14%)
- Green (68%)
- Blue (78%)



- Red (14%)
- Yellow (43%)
- Blue (78%)



- Cyan (82%)
- Magenta (13%)
- Yellow (0%)
- Black (22%)



- Cyan (86%)
- Magenta (32%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.0010, 31.5515, -86.8239 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 135.0010, 31.5515, -86.8239 by changing the saturation by 10% instead.

■ 135.0010, 31.5515,
-86.8239

■ 135.0010, 31.5515,
-86.8239

■ 255.0000, 0.0000,
0.0000

■ 105.3100, 32.8782,
-92.3569

■ 196.6820, 28.7508,
-75.1431

■ 86.9700, 28.6088,
-76.2727

■ 221.2130, 16.6570,
-69.4698

■ 69.3310, 24.4868,
-60.8033

■ 230.4820, 12.0874,
-50.4117

■ 52.5070, 20.9490,
-46.0486

■ 239.4520, 7.6652,
-31.9684

■ 36.2700, 17.1219,
-31.8088

■ 248.7210, 3.0955,
-12.9103

■ 22.4950, 12.5740,
-19.7281

■ 3.6650, 11.5042,

-3.2142

■ 0.0000, 0.0000,
0.0000

■ 135.0010, 31.5515,
-86.8239

■ 135.0010, 31.5515,
-86.8239

■ 127.2600, 35.3678,
-97.5750

■ 142.7420, 27.7352,
-76.0727

■ 120.7150, 38.5945,
-105.8671

■ 150.4830, 23.9189,
-65.3216

■ 158.8110, 19.8132,
-55.0852

■ 166.5520, 15.9969,
-44.3341

■ 174.2930, 12.1806,
-33.5830

■ 181.7350, 8.5116,
-23.4466

■ 189.4760, 4.6953,
-12.6955

■ 197.2170, 0.8790,
-1.9443

■ 205.5450, -3.2267,
8.2920

Harmonies

Analogous

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



137.6530, 15.9471, -75.1177



135.0010, 31.5515, -86.8239



147.2850, 34.3695, -57.2549

Triad

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



135.0010, 31.5515, -86.8239



162.6040, 7.5902, 38.9353



155.4980, -28.8395, 10.0873

Complementary

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



135.0010, 31.5515, -86.8239



99.9990, -31.5515, 86.8239

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.



157.7550, -28.4732, 32.6639



135.0010, 31.5515, -86.8239



160.8970, -6.8512, 50.9563

Square

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



135.0010, 31.5515, -86.8239



162.2940, 21.0541, 13.7742



159.6180, -20.5177, 47.6930



151.3250, -19.8802, -16.9480

Rectangle

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



135.0010, 31.5515, -86.8239



154.5700, 32.2570, -32.9489



159.6180, -20.5177, 47.6930



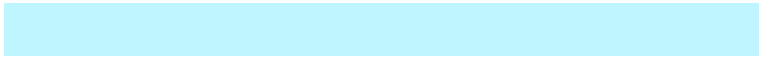
156.0260, -29.5928, 18.3942

Sweetspot

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



135.0010, 31.5515, -86.8239



229.9940, 12.3280, -34.1977



134.4170, -36.6876, -86.3117



112.2300, 7.7746, -20.3727



0.0000, 0.0000, 0.0000



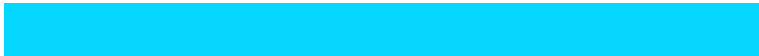
128.0000, 0.0000, 0.0000

Same Dimension

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



135.0010, 31.5515, -86.8239



156.7700, 48.4274, -133.1023



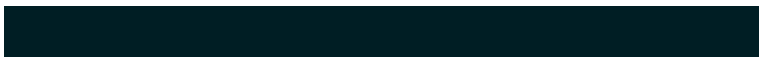
88.0410, 54.7028, -45.6400



95.7220, 1.6161, -5.0182



99.0010, 31.5515, -86.8239



21.7140, 7.0430, -19.0432

Inverse Universe

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



100.3550, 35.8140, 86.5117



103.6900, 54.8758, 132.6989



146.9590, -54.7028, 45.6400



93.6030, 2.1677, 4.7332



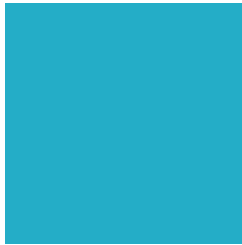
64.3550, 35.8140, 86.5117



14.1840, 7.7973, 19.1326

Previews

White Background



This preview shows how the YUV color 135.0010, 31.5515, -86.8239 looks on a white background.

Color Contrast Check

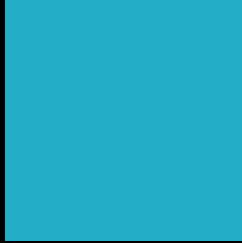
Large Text (above 18pt) WCAG AA × Fail

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 135.0010, 31.5515, -86.8239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

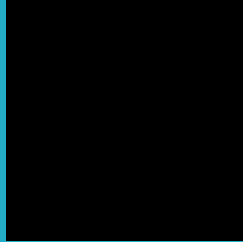
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 135.0010, 31.5515, -86.8239

Background



This preview shows how black text looks on a background with the YUV color 135.0010, 31.5515, -86.8239.



This preview shows how white text looks on a background with the YUV color 135.0010, 31.5515, -86.8239.

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

135.0010, 31.5515, -86.8239

Protanopia

158.0390, 14.2778, -6.1732

Deuteranopia

158.3790, 21.9982, -9.1024



Tritanopia

130.5500, 28.8159, -96.0753

Trichromacy



Original Color

135.0010, 31.5515, -86.8239

Protanomaly

149.4590, 20.4797, -35.4825

Deuteranomaly

150.1150, 25.5793, -37.8119

Tritanomaly

131.9140, 30.1154, -92.8866

Monochromacy



Original Color

135.0010, 31.5515, -86.8239

Achromatopsia

135.0000, 0.0000, 0.0000

Achromatomaly

135.0760, 11.3015, -31.6387

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.0010, 31.5515, -86.8239 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(36, 173, 199)` looks like.

```
.text, #text, p{  
    color:rgb(36, 173, 199)  
}
```

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(36, 173, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 173, 199) }
```

Border

The CSS property to change the border of an element to YUV 135.0010, 31.5515, -86.8239 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(36, 173, 199) }
```


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

```
.border{ border-color:rgb(36, 173, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 173, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 173, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 173, 199);  
box-shadow:4px 4px 4px 4px rgb(36, 173,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 135.0010, 31.5515, -86.8239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 173, 199) }
```

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

```
.background{ background-color: rgb(36, 173,  
199) }
```

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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