

Converting Colors

YUV(163.3870, 25.9382,
-106.4564)

Have a look what the booklet for
YUV(163.3870, 25.9382, -106.4564)
contains.

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Color

**YUV(163.3870, 25.9382,
-106.4564)**

Conversions

Conversions Part 1

Format	Color
Hex	2AD7D8
RGB	42, 215, 216
RGB Percent	16%, 84%, 85%
CMY	0.8353, 0.1569, 0.1529
CMYK	0.81, 0.00, 0.00, 0.15
HSL	180°, 69%, 51%
HSV	180°, 81%, 85%
XYZ	37.6500, 54.0510, 73.4143
YIQ	163.3870, -103.4290, -36.3650

Conversions

Conversions Part 2

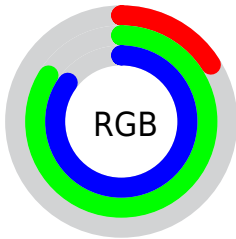
Format	Color
R _Y B	42, 129, 216
Decimal	2807768
CIE Lab	78.49, -40.08, -12.46
CIE LCh	78, 41.975, 197.268
Yxy	54.0510, 0.2280, 0.3274
Android (android.graphics.Color)	4280997848 (0xFF2AD7D8)
YUV	163.3870, 25.9382, -106.4564
Hunter-Lab	73.5194, -37.2474, -7.7417

Details

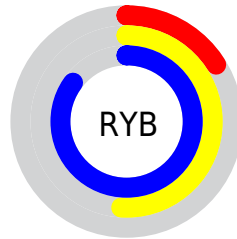
The YUV color **163.3870, 25.9382, -106.4564** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **94.6130, -25.9382, 106.4564**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.9340, 19.7525, -82.3801**, and **111.6870, 24.3113, -97.9495** is the 20% darker color. If you saturate the color by 10%, you get **156.8090, 29.1812, -119.9815**, and if you desaturate by 10%, it is **169.9650, 22.6953, -92.9313**.

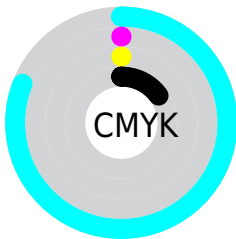
Distribution



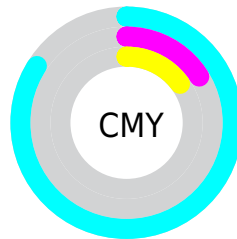
- Red (16%)
- Green (84%)
- Blue (85%)



- Red (16%)
- Yellow (51%)
- Blue (85%)



- Cyan (81%)
- Magenta (0%)
- Yellow (0%)
- Black (15%)



- Cyan (84%)
- Magenta (16%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.3870, 25.9382, -106.4564 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 163.3870, 25.9382, -106.4564 by changing the saturation by 10% instead.

163.3870, 25.9382,
-106.4564

163.3870, 25.9382,
-106.4564

255.0000, 0.0000,
0.0000

131.2010, 28.0019,
-115.0633

214.9340, 19.7525,
-82.3801

111.6870, 24.3113,
-97.9495

224.8010, 14.8881,
-62.0925

93.4610, 20.4787,
-81.9653

234.0700, 10.3185,
-43.0344

75.3490, 17.0829,
-66.0811

243.6380, 5.6015,
-23.3615

57.9380, 13.8346,
-50.8116

252.9070, 1.0318,
-4.3034

41.1140, 10.2968,
-36.0570

26.2790, 6.7645,

-23.0467

■ 2.9810, 8.8834,
-2.6143

■ 0.0000, 0.0000,
0.0000

■ 163.3870, 25.9382,
-106.4564

■ 163.3870, 25.9382,
-106.4564

■ 156.8090, 29.1812,
-119.9815

■ 169.9650, 22.6953,
-92.9313

■ 150.8290, 32.1293,
-132.2770

■ 176.2440, 19.5997,
-80.0210

■ 182.8220, 16.3568,
-66.4959

■ 189.1010, 13.2612,
-53.5856

■ 196.2660, 9.7289,
-40.5753

■ 202.8440, 6.4859,
-27.0502

■ 209.1230, 3.3904,
-14.1399

■ 215.7010, 0.1474,
-0.6148

■ 221.9800, -2.9481,
12.2955

Harmonies

Analogous

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



176.4790, -0.2361, -64.4411



163.3870, 25.9382, -106.4564



162.2240, 43.2736, -113.3294

Triad

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



163.3870, 25.9382, -106.4564



199.3430, 23.4949, 24.2552



192.8990, -36.9252, 36.9226

Complementary

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



163.3870, 25.9382, -106.4564



94.6130, -25.9382, 106.4564

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.



193.6420, -26.9385, 53.8110



163.3870, 25.9382, -106.4564



197.9690, 7.4103, 50.0162

Square

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



163.3870, 25.9382, -106.4564



192.6260, 30.7504, -16.3350



192.2350, -9.4829, 55.0449



189.1680, -35.0858, 6.8687

Rectangle

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



163.3870, 25.9382, -106.4564



174.8090, 39.5342, -80.5165



192.2350, -9.4829, 55.0449



194.1110, -35.0577, 44.6297

Sweetspot

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



163.3870, 25.9382, -106.4564



236.7610, 8.9918, -37.5014



144.1380, -50.3540, -89.5750



116.3500, 5.7435, -22.2319



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.



163.3870, 25.9382, -106.4564



180.5600, 36.6989, -151.3351



112.9050, 50.8258, -62.1837



103.7110, 1.6215, -6.7625



119.2840, 25.4960, -104.6121



30.1430, 6.3385, -26.4354

Inverse Universe

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



113.7480, 49.9172, 89.6750



109.8970, 71.0428, 127.2553



145.0950, -50.8258, 62.1837



100.5430, 3.1833, 5.6628



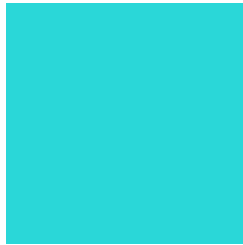
70.5090, 49.0491, 88.1306



17.7590, 12.4438, 22.1364

Previews

White Background



This preview shows how the YUV color 163.3870, 25.9382, -106.4564 looks on a white background.

Color Contrast Check

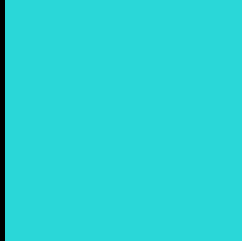
Large Text (above 18pt) WCAG AA × Fail

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 163.3870, 25.9382, -106.4564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

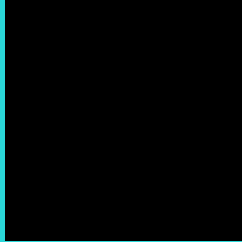
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

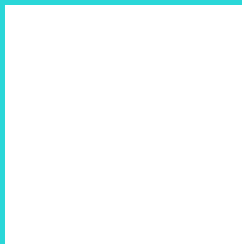
Any Text WCAG AAA ✓ Pass

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

YUV 163.3870, 25.9382, -106.4564 Background



This preview shows how black text looks on a background with the YUV color 163.3870, 25.9382, -106.4564.



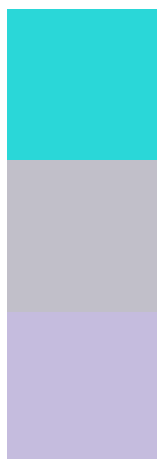
This preview shows how white text looks on a background with the YUV color 163.3870, 25.9382, -106.4564.

-106.4564.

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

163.3870, 25.9382, -106.4564

Protanopia

192.7380, 4.0732, 0.2298

Deuteranopia

194.5670, 13.5245, 2.1337



Tritanopia

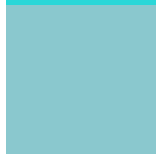
167.6960, 30.7159, -98.8344

Trichromacy



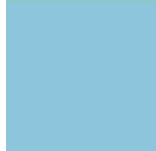
Original Color

163.3870, 25.9382, -106.4564



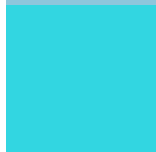
Protanomaly

182.1460, 11.7600, -38.7160



Deuteranomaly

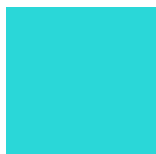
183.4650, 18.0118, -37.2418



Tritanomaly

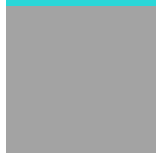
166.2180, 28.9795, -101.9232

Monochromacy



Original Color

163.3870, 25.9382, -106.4564



Achromatopsia

163.0000, 0.0000, 0.0000



Achromatomaly

163.1630, 9.2866, -38.7310

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.3870, 25.9382, -106.4564 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(42, 215, 216)` looks like.

```
.text, #text, p{  
    color:rgb(42, 215, 216)  
}
```

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(42, 215, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 215, 216) }
```

Border

The CSS property to change the border of an element to YUV 163.3870, 25.9382, -106.4564 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(42, 215, 216) }
```


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

```
.border{ border-color:rgb(42, 215, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 215, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 215, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 215, 216);  
box-shadow:4px 4px 4px 4px rgb(42, 215,  
216) }
```

Background

The CSS property to change the background color of an element to YUV 163.3870, 25.9382, -106.4564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 215, 216) }
```

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

```
.background{ background-color: rgb(42, 215,  
216) }
```

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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