

Converting Colors

YUV(168.1370, 28.5265,
-96.5901)

Have a look what the booklet for
YUV(168.1370, 28.5265, -96.5901)
contains.

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Color

**YUV(168.1370, 28.5265,
-96.5901)**

Conversions

Conversions Part 1

Format	Color
Hex	3AD5E2
RGB	58, 213, 226
RGB Percent	23%, 84%, 89%
CMY	0.7725, 0.1647, 0.1137
CMYK	0.74, 0.06, 0.00, 0.11
HSL	185°, 74%, 56%
HSV	185°, 74%, 89%
XYZ	39.2666, 53.9790, 80.3009
YIQ	168.1370, -96.5530, -28.8170

Conversions

Conversions Part 2

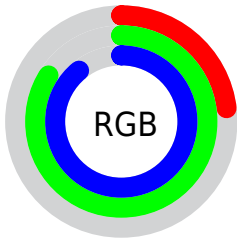
Format	Color
RYB	58, 139, 226
Decimal	3855842
CIELab	78.45, -34.72, -17.85
CIELCh	78, 39.041, 207.212
Yxy	53.9790, 0.2263, 0.3110
Android (android.graphics.Color)	4282045922 (0xFF3AD5E2)
YUV	168.1370, 28.5265, -96.5901
Hunter-Lab	73.4704, -33.1730, -13.3729

Details

The YUV color **168.1370, 28.5265, -96.5901** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **115.8630, -28.5265, 96.5901**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.6250, 18.4259, -76.8471**, and **112.2400, 28.9687, -98.4345** is the 20% darker color. If you saturate the color by 10%, you get **160.0860, 32.4956, -109.7004**, and if you desaturate by 10%, it is **176.1880, 24.5573, -83.4799**.

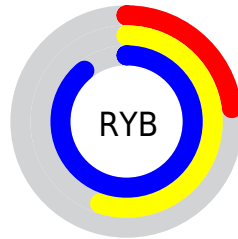
Distribution



Red (23%)

Green (84%)

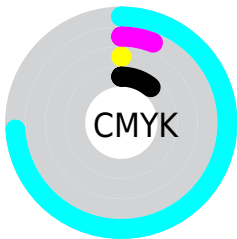
Blue (89%)



Red (23%)

Yellow (55%)

Blue (89%)

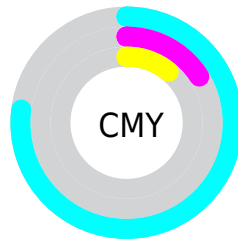


Cyan (74%)

Magenta (6%)

Yellow (0%)

Black (11%)



Cyan (77%)

Magenta (16%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.1370, 28.5265, -96.5901 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 168.1370, 28.5265, -96.5901 by changing the saturation by 10% instead.

168.1370, 28.5265,
-96.5901

168.1370, 28.5265,
-96.5901

255.0000, 0.0000,
0.0000

131.1670, 32.9487,
-115.0335

217.6250, 18.4259,
-76.8471

112.2400, 28.9687,
-98.4345

227.1930, 13.7089,
-57.1743

93.3130, 24.9887,
-81.8355

236.4620, 9.1392,
-38.1162

75.7880, 21.3035,
-66.4661

245.7310, 4.5696,
-19.0581

58.2630, 17.6183,
-51.0967

41.4390, 14.0806,
-36.3420

27.1910, 10.2588,

-23.8465

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,
0.0000

■ 168.1370, 28.5265,
-96.5901

■ 168.1370, 28.5265,
-96.5901

■ 160.0860, 32.4956,
-109.7004

■ 176.1880, 24.5573,
-83.4799

■ 152.9210, 36.0279,
-122.7107

■ 183.3530, 21.0250,
-70.4696

■ 148.4470, 38.2336,
-130.1880

■ 191.4040, 17.0558,
-57.3593

■ 199.1560, 13.2341,
-44.8638

■ 207.2070, 9.2649,
-31.7535

■ 214.6710, 5.5852,
-18.1285

■ 222.4230, 1.7635,
-5.6330

■ 230.4740, -2.2057,
7.4773

■ 236.4320, -5.1430,
16.2841

Harmonies

Analogous

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



175.2810, 6.7635, -69.5294



168.1370, 28.5265, -96.5901



174.6730, 39.1082, -83.9052

Triad

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



168.1370, 28.5265, -96.5901



199.0900, 17.2106, 33.2471



192.2890, -35.1455, 26.0565

Complementary

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



168.1370, 28.5265, -96.5901



115.8630, -28.5265, 96.5901

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.



194.5120, -29.8324, 48.6630



168.1370, 28.5265, -96.5901



196.3730, 1.2951, 51.4159

Square

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



168.1370, 28.5265, -96.5901



196.2580, 28.9598, -1.9803



194.0300, -15.2978, 53.4707



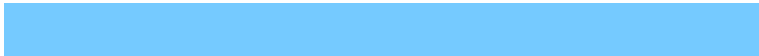
188.1820, -29.6697, -3.6676

Rectangle

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



168.1370, 28.5265, -96.5901



182.6270, 35.6799, -57.5549



194.0300, -15.2978, 53.4707



193.1590, -34.5884, 34.0636

Sweetspot

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



168.1370, 28.5265, -96.5901



235.9080, 9.4124, -32.3683



157.8700, -43.8129, -87.5860



116.0730, 5.8800, -19.3580



0.0000, 0.0000, 0.0000



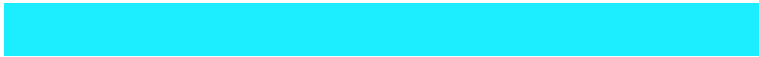
128.0000, 0.0000, 0.0000

Same Dimension

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



168.1370, 28.5265, -96.5901



176.5610, 38.6704, -130.2880



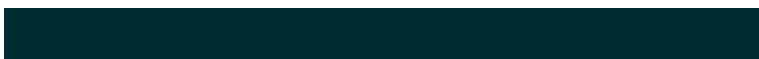
120.0030, 52.2565, -54.3766



108.1240, 1.9109, -6.2477



115.1580, 29.9951, -100.9936



31.8870, 7.9437, -27.9649

Inverse Universe

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



125.9020, 42.9393, 87.7859



119.6990, 57.8294, 118.6590



163.9970, -52.2565, 54.3766



105.4290, 2.7465, 5.7628



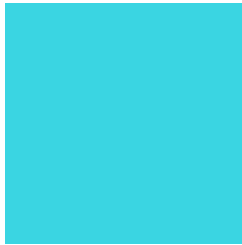
71.0920, 44.8176, 92.0043



19.4820, 12.5804, 25.0103

Previews

White Background



This preview shows how the YUV color 168.1370, 28.5265, -96.5901 looks on a white background.

Color Contrast Check

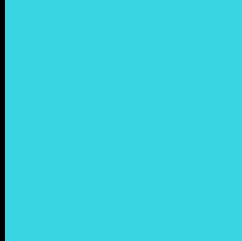
Large Text (above 18pt) WCAG AA × Fail

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 168.1370, 28.5265, -96.5901 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

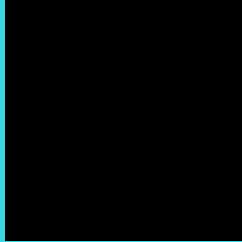
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

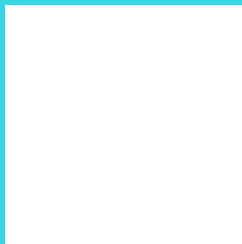
Any Text WCAG AAA ✓ Pass

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

YUV 168.1370, 28.5265, -96.5901 Background



This preview shows how black text looks on a background with the YUV color 168.1370, 28.5265, -96.5901.



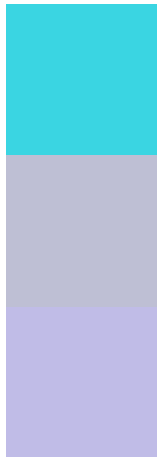
This preview shows how white text looks on a background with the YUV color 168.1370, 28.5265, -96.5901.

-96.5901.

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

168.1370, 28.5265, -96.5901

Protanopia

193.0950, 9.3202, -2.7143

Deuteranopia

194.0980, 18.1927, -1.8399



Tritanopia

168.9030, 30.1208, -94.6309

Trichromacy



Original Color

168.1370, 28.5265, -96.5901



Protanomaly

184.0090, 16.2646, -36.8419



Deuteranomaly

184.5020, 21.9375, -36.3973



Tritanomaly

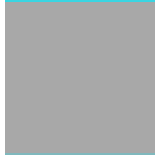
168.4900, 29.8314, -95.1457

Monochromacy



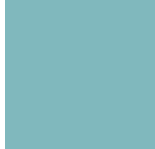
Original Color

168.1370, 28.5265, -96.5901



Achromatopsia

168.0000, 0.0000, 0.0000



Achromatomaly

167.8260, 10.4388, -34.9274

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.1370, 28.5265, -96.5901 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(58, 213, 226)` looks like.

```
.text, #text, p{  
    color:rgb(58, 213, 226)  
}
```

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(58, 213, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 213, 226) }
```

Border

The CSS property to change the border of an element to YUV 168.1370, 28.5265, -96.5901 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(58, 213, 226) }
```


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

```
.border{ border-color:rgb(58, 213, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 213, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 213, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 213, 226);  
box-shadow:4px 4px 4px 4px rgb(58, 213,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 168.1370, 28.5265, -96.5901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 213, 226) }
```

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

```
.background{ background-color: rgb(58, 213,  
226) }
```

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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