

Converting Colors

YUV(136.8770, 29.6406,
-80.5761)

Have a look what the booklet for
YUV(136.8770, 29.6406, -80.5761)
contains.

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Color

**YUV(136.8770, 29.6406,
-80.5761)**

Conversions

Conversions Part 1

Format	Color
Hex	2DACC5
RGB	45, 172, 197
RGB Percent	18%, 67%, 77%
CMY	0.8235, 0.3255, 0.2275
CMYK	0.77, 0.13, 0.00, 0.23
HSL	190°, 63%, 47%
HSV	190°, 77%, 77%
XYZ	25.9128, 34.0942, 58.0384
YIQ	136.8770, -83.7170, -19.1490

Conversions

Conversions Part 2

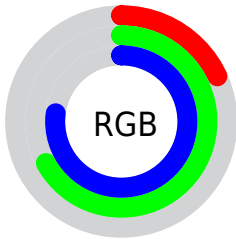
Format	Color
RYB	45, 114, 197
Decimal	2993349
CIELab	65.04, -25.09, -22.44
CIElCh	65, 33.660, 221.815
Yxy	34.0942, 0.2195, 0.2888
Android (android.graphics.Color)	4281183429 (0xFF2DACC5)
YUV	136.8770, 29.6406, -80.5761
Hunter-Lab	58.3902, -22.9670, -18.0596

Details

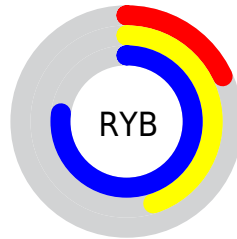
The YUV color **136.8770, 29.6406, -80.5761** is a dark color, and the websafe version is hex **339999**. The color can be described as middle muted azure. A complement of this color would be **105.1230, -29.6406, 80.5761**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.1770, 28.0137, -72.0692**, and **86.1550, 28.0246, -75.5579** is the 20% darker color. If you saturate the color by 10%, you get **129.1360, 33.4570, -91.3273**, and if you desaturate by 10%, it is **144.6180, 25.8243, -69.8250**.

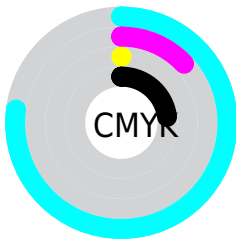
Distribution



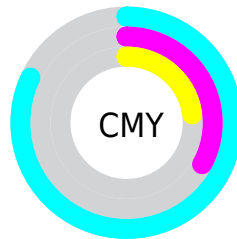
- Red (18%)
- Green (67%)
- Blue (77%)



- Red (18%)
- Yellow (45%)
- Blue (77%)



- Cyan (77%)
- Magenta (13%)
- Yellow (0%)
- Black (23%)



- Cyan (82%)
- Magenta (33%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.8770, 29.6406, -80.5761 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 136.8770, 29.6406, -80.5761 by changing the saturation by 10% instead.

■ 136.8770, 29.6406,
-80.5761

■ 136.8770, 29.6406,
-80.5761

■ 255.0000, 0.0000,
0.0000

■ 104.4950, 32.2940,
-91.6421

■ 197.1770, 28.0137,
-72.0692

■ 86.1550, 28.0246,
-75.5579

■ 222.4090, 16.0674,
-67.0107

■ 68.6300, 24.3394,
-60.1885

■ 231.3790, 11.6452,
-48.5674

■ 51.6920, 20.3648,
-45.3339

■ 240.3490, 7.2229,
-30.1241

■ 35.4550, 16.5377,
-31.0940

■ 249.6180, 2.6533,
-11.0660

■ 21.7940, 12.4266,
-19.1133

■ 3.5510, 11.0674,

-3.1142

■ 0.0000, 0.0000,
0.0000

■ 136.8770, 29.6406,
-80.5761

■ 136.8770, 29.6406,
-80.5761

■ 129.1360, 33.4570,
-91.3273

■ 144.6180, 25.8243,
-69.8250

■ 121.6940, 37.1259,
-101.4636

■ 152.0600, 22.1554,
-59.6886

■ 119.3130, 38.2997,
-104.6375

■ 160.3880, 18.0497,
-49.4523

■ 168.1290, 14.2334,
-38.7011

■ 175.8700, 10.4171,
-27.9500

■ 183.3120, 6.7482,
-17.8136

■ 191.6400, 2.6425,
-7.5773

■ 199.3810, -1.1738,
3.1739

■ 206.8230, -4.8427,
13.3102

Harmonies

Analogous

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



138.7460, 14.9152, -70.8142



136.8770, 29.6406, -80.5761



147.2530, 32.9063, -54.5959

Triad

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



136.8770, 29.6406, -80.5761



161.8920, 7.4482, 37.8057



154.7260, -27.9659, 9.8873

Complementary

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



136.8770, 29.6406, -80.5761



105.1230, -29.6406, 80.5761

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.



157.5700, -27.8890, 31.9491



136.8770, 29.6406, -80.5761



160.8860, -6.8458, 49.2120

Square

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



136.8770, 29.6406, -80.5761



161.7670, 20.3279, 13.3593



159.1340, -19.7861, 46.3635



151.1510, -19.3014, -15.9184

Rectangle

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



136.8770, 29.6406, -80.5761



154.0540, 31.5254, -31.6194



159.1340, -19.7861, 46.3635



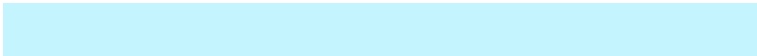
155.8410, -29.0086, 17.6794

Sweetspot

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



136.8770, 29.6406, -80.5761



231.4890, 11.5909, -31.1239



136.8460, -33.9411, -80.5489



113.7140, 7.0430, -19.0432



0.0000, 0.0000, 0.0000



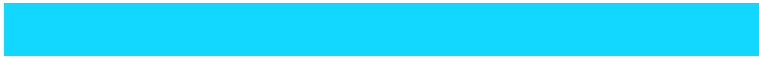
128.0000, 0.0000, 0.0000

Same Dimension

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



136.8770, 29.6406, -80.5761



161.2440, 46.2217, -125.6250



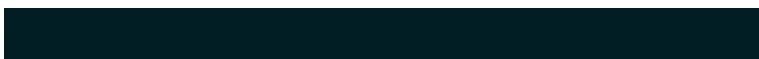
93.4390, 51.0556, -42.4810



95.7220, 1.6161, -5.0182



98.4140, 31.8409, -86.3091



21.7140, 7.0430, -19.0432

Inverse Universe

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



104.9260, 33.0675, 80.7489



111.4350, 51.5505, 125.9065



148.5610, -51.0556, 42.4810



93.6030, 2.1677, 4.7332



64.2410, 35.3772, 86.6116



14.1840, 7.7973, 19.1326

Previews

White Background



This preview shows how the YUV color 136.8770, 29.6406, -80.5761 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 136.8770, 29.6406, -80.5761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

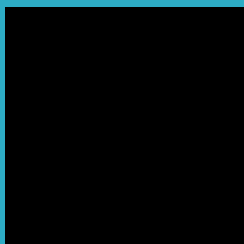
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

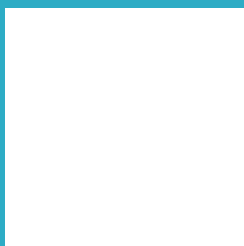
Any Text WCAG AAA ✓ Pass

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

YUV 136.8770, 29.6406, -80.5761 Background



This preview shows how black text looks on a background with the YUV color 136.8770, 29.6406, -80.5761.

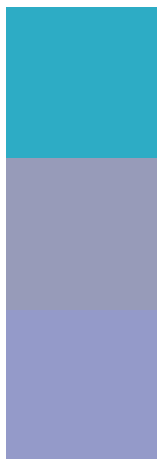


This preview shows how white text looks on a background with the YUV color 136.8770, 29.6406, -80.5761.

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

136.8770, 29.6406, -80.5761

Protanopia

157.2240, 13.6936, -5.4584

Deuteranopia

157.5640, 21.4139, -8.3876



Tritanopia

134.3340, 26.4573, -86.2389

Trichromacy



Original Color

136.8770, 29.6406, -80.5761

Protanomaly

149.5410, 19.4533, -32.9235

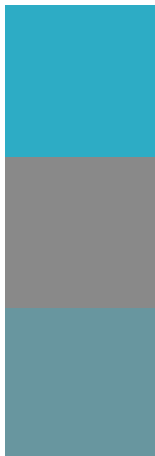
Deuteranomaly

150.4960, 24.4055, -34.6380

Tritanomaly

134.9860, 27.6149, -84.1797

Monochromacy



Original Color

136.8770, 29.6406, -80.5761

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

137.2720, 10.7119, -29.1795

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.8770, 29.6406, -80.5761 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, 172, 197)` looks like.

```
.text, #text, p{  
    color:rgb(45, 172, 197)  
}
```

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, 172, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 172, 197) }
```

Border

The CSS property to change the border of an element to YUV 136.8770, 29.6406, -80.5761 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, 172, 197) }
```


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

```
.border{ border-color:rgb(45, 172, 197) }
```

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

Here you see how a box with a 4 pixel rgb(45, 172, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 172, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 172, 197);  
box-shadow:4px 4px 4px 4px rgb(45, 172,  
197) }
```

Background

The CSS property to change the background color of an element to YUV 136.8770, 29.6406, -80.5761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 172, 197) }
```

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

```
.background{ background-color: rgb(45, 172,  
197) }
```

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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