

Converting Colors

YUV(136.9810, 28.6034,
-74.5283)

Have a look what the booklet for
YUV(136.9810, 28.6034, -74.5283)
contains.

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Color

**YUV(136.9810, 28.6034,
-74.5283)**

Conversions

Conversions Part 1

Format	Color
Hex	34A9C3
RGB	52, 169, 195
RGB Percent	20%, 66%, 76%
CMY	0.7961, 0.3373, 0.2353
CMYK	0.73, 0.13, 0.00, 0.24
HSL	191°, 58%, 48%
HSV	191°, 73%, 76%
XYZ	25.4545, 33.0461, 56.6667
YIQ	136.9810, -78.0780, -16.7180

Conversions

Conversions Part 2

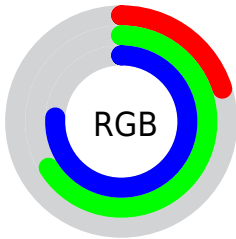
Format	Color
R _Y B	52, 116, 195
Decimal	3451331
CIE Lab	64.20, -23.39, -22.60
CIE LCh	64, 32.528, 224.013
Yxy	33.0461, 0.2210, 0.2869
Android (android.graphics.Color)	4281641411 (0xFF34A9C3)
YUV	136.9810, 28.6034, -74.5283
Hunter-Lab	57.4858, -21.5610, -18.2052

Details

The YUV color **136.9810, 28.6034, -74.5283** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **110.0190, -28.6034, 74.5283**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.7970, 27.7081, -67.3510**, and **84.7530, 27.7298, -74.3284** is the 20% darker color. If you saturate the color by 10%, you get **128.6530, 32.7091, -84.7647**, and if you desaturate by 10%, it is **145.0100, 24.6451, -64.9068**.

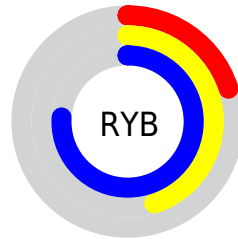
Distribution



Red (20%)

Green (66%)

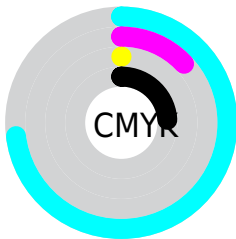
Blue (76%)



Red (20%)

Yellow (45%)

Blue (76%)

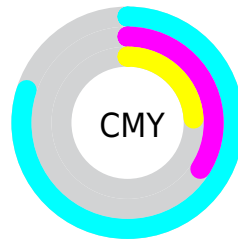


Cyan (73%)

Magenta (13%)

Yellow (0%)

Black (24%)



Cyan (80%)

Magenta (34%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.9810, 28.6034, -74.5283 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 136.9810, 28.6034, -74.5283 by changing the saturation by 10% instead.

■ 136.9810, 28.6034,
-74.5283

■ 136.9810, 28.6034,
-74.5283

■ 255.0000, 0.0000,
0.0000

■ 102.5060, 32.2885,
-89.8978

■ 195.7970, 27.7081,
-67.3510

■ 84.7530, 27.7298,
-74.3284

■ 222.1320, 16.2039,
-64.1368

■ 67.2280, 24.0446,
-58.9590

■ 232.2760, 11.2029,
-46.7231

■ 50.2900, 20.0700,
-44.1043

■ 241.2460, 6.7807,
-28.2797

■ 34.0530, 16.2429,
-29.8645

■ 250.2160, 2.3585,
-9.8364

■ 19.8050, 12.4211,
-17.3690

■ 3.3230, 10.1938,

-2.9143

■ 0.0000, 0.0000,
0.0000

■ 136.9810, 28.6034,
-74.5283

■ 136.9810, 28.6034,
-74.5283

■ 128.6530, 32.7091,
-84.7647

■ 145.0100, 24.6451,
-64.9068

■ 121.2110, 36.3780,
-94.9010

■ 152.7510, 20.8288,
-54.1556

■ 116.1500, 38.8731,
-101.8635

■ 160.7800, 16.8705,
-44.5341

■ 168.5210, 13.0541,
-33.7829

■ 176.5500, 9.0959,
-24.1613

■ 184.2910, 5.2795,
-13.4102

■ 192.3200, 1.3212,
-3.7886

■ 200.0610, -2.4951,
6.9625

■ 208.0900, -6.4534,
16.5841

Harmonies

Analogous

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



137.2840, 15.6360, -68.6551



136.9810, 28.6034, -74.5283



146.6450, 31.7270, -49.6777

Triad

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



136.9810, 28.6034, -74.5283



159.5500, 6.1379, 38.1057



152.4700, -26.3607, 8.3578

Complementary

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



136.9810, 28.6034, -74.5283



110.0190, -28.6034, 74.5283

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.



154.7870, -27.0100, 30.0048



136.9810, 28.6034, -74.5283



158.6470, -7.7140, 47.6676

Square

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



136.9810, 28.6034, -74.5283



159.1370, 19.1595, 14.7889



156.8240, -19.6332, 44.0044



148.8950, -17.6962, -17.4479

Rectangle

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



136.9810, 28.6034, -74.5283



152.6200, 29.7673, -27.7307



156.8240, -19.6332, 44.0044



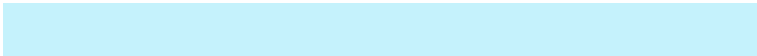
153.1720, -27.6928, 15.6352

Sweetspot

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



136.9810, 28.6034, -74.5283



229.6850, 11.0013, -28.6647



138.6770, -30.8998, -76.0157



113.7250, 7.0376, -17.2988



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.



136.9810, 28.6034, -74.5283



162.1420, 44.3000, -115.8885



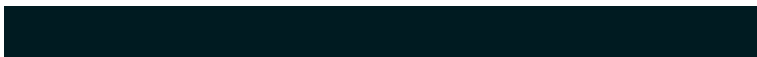
96.4780, 48.5713, -39.0072



92.8360, 2.0529, -5.1182



95.2510, 32.4143, -83.5351



19.6110, 6.6008, -17.1988

Inverse Universe

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



108.0950, 30.0262, 76.2157



117.1260, 46.7729, 118.2845



150.5220, -48.5713, 39.0072



90.9020, 2.0203, 5.3479



63.0730, 33.4880, 85.8820



12.9450, 6.9291, 17.5882

Previews

White Background



This preview shows how the YUV color 136.9810, 28.6034, -74.5283 looks on a white background.

Color Contrast Check

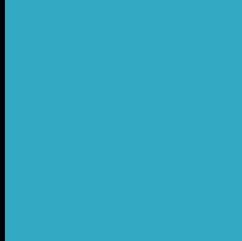
Large Text (above 18pt) WCAG AA × Fail

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 136.9810, 28.6034, -74.5283 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

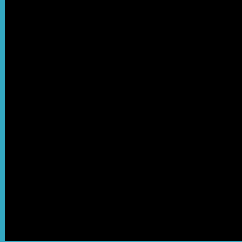
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 136.9810, 28.6034, -74.5283

Background



This preview shows how black text looks on a background with the YUV color 136.9810, 28.6034, -74.5283.

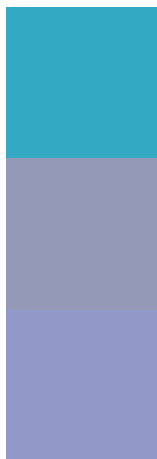


This preview shows how white text looks on a background with the YUV color 136.9810, 28.6034, -74.5283.

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

136.9810, 28.6034, -74.5283

Protanopia

155.0390, 14.2778, -6.1732

Deuteranopia

155.5640, 21.4139, -8.3876



Tritanopia

134.6230, 24.8359, -79.4764

Trichromacy



Original Color

136.9810, 28.6034, -74.5283

Protanomaly

148.5520, 19.4479, -31.1791

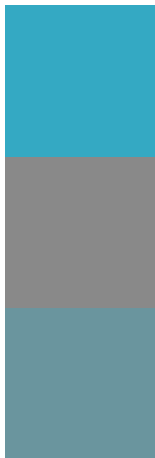
Deuteranomaly

148.8060, 24.2526, -32.2789

Tritanomaly

135.3890, 26.4302, -77.5172

Monochromacy



Original Color

136.9810, 28.6034, -74.5283

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

137.1690, 10.2697, -27.3352

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.9810, 28.6034, -74.5283 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(52, 169, 195)` looks like.

```
.text, #text, p{  
    color:rgb(52, 169, 195)  
}
```

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(52, 169, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 169, 195) }
```

Border

The CSS property to change the border of an element to YUV 136.9810, 28.6034, -74.5283 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(52, 169, 195) }
```


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

```
.border{ border-color:rgb(52, 169, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 169, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 169, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 169, 195);  
box-shadow:4px 4px 4px 4px rgb(52, 169,  
195) }
```

Background

The CSS property to change the background color of an element to YUV 136.9810, 28.6034, -74.5283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 169, 195) }
```

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

```
.background{ background-color: rgb(52, 169,  
195) }
```

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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