

Converting Colors

YUV(136.8540, -2.3930,
-72.6630)

Have a look what the booklet for
YUV(136.8540, -2.3930, -72.6630)
contains.

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Color

**YUV(136.8540, -2.3930,
-72.6630)**

Conversions

Conversions Part 1

Format	Color
Hex	36B484
RGB	54, 180, 132
RGB Percent	21%, 71%, 52%
CMY	0.7882, 0.2941, 0.4824
CMYK	0.70, 0.00, 0.27, 0.29
HSL	157°, 54%, 46%
HSV	157°, 70%, 71%
XYZ	22.0074, 35.0927, 27.4435
YIQ	136.8540, -59.6880, -41.6400

Conversions

Conversions Part 2

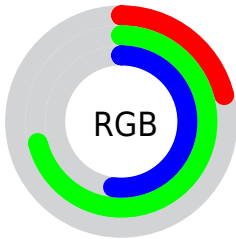
Format	Color
RYB	54, 132, 180
Decimal	3585156
CIELab	65.82, -45.65, 14.74
CIELCh	66, 47.966, 162.109
Yxy	35.0927, 0.2603, 0.4151
Android (android.graphics.Color)	4281775236 (0xFF36B484)
YUV	136.8540, -2.3930, -72.6630
Hunter-Lab	59.2391, -37.3554, 14.0004

Details

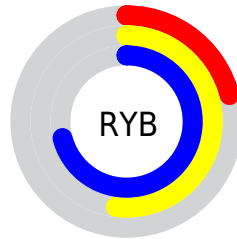
The YUV color **136.8540, -2.3930, -72.6630** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **97.1460, 2.3930, 72.6630**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.1920, -5.0247, -68.5744**, and **83.3100, -0.6458, -73.0629** is the 20% darker color. If you saturate the color by 10%, you get **130.6740, -2.7973, -83.0291**, and if you desaturate by 10%, it is **143.0340, -1.9888, -62.2968**.

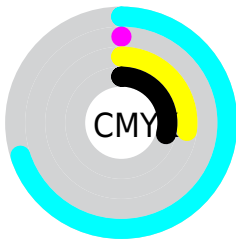
Distribution



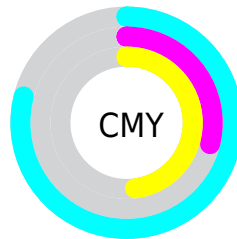
- Red (21%)
- Green (71%)
- Blue (52%)



- Red (21%)
- Yellow (52%)
- Blue (71%)



- Cyan (70%)
- Magenta (0%)
- Yellow (27%)
- Black (29%)



- Cyan (79%)
- Magenta (29%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.8540, -2.3930, -72.6630 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 136.8540, -2.3930, -72.6630 by changing the saturation by 10% instead.


 136.8540, -2.3930,
-72.6630


 136.8540, -2.3930,
-72.6630


255.0000, 0.0000,
0.0000

 102.0090, 2.4606,
-89.4619


 195.1920, -5.0247,
-68.5744

 83.3100, -0.6458,
-73.0629


 217.6210, -2.2782,
-62.8116


 65.4260, -3.1680,
-57.3786


 229.4840, 5.6774,
-47.7825

 48.2430, -5.5428,
-42.3091

 240.0500, 7.3704,
-30.7388

 32.3480, -8.0596,
-28.3692

 249.0200, 2.9481,
-12.2955

 17.0230, -8.3923,
-14.9292

 0.0000, 0.0000,

0.0000

■ 136.8540, -2.3930,
-72.6630

■ 136.8540, -2.3930,
-72.6630

■ 130.6740, -2.7973,
-83.0291

■ 143.0340, -1.9888,
-62.2968

■ 124.4940, -3.2015,
-93.3952

■ 149.2140, -1.5845,
-51.9307

■ 118.3140, -3.6058,
-103.7614

■ 155.3940, -1.1802,
-41.5645

■ 161.4600, -1.2128,
-31.0984

■ 167.6400, -0.8085,
-20.7323

■ 173.8200, -0.4043,
-10.3661

■ 180.0000, 0.0000,
0.0000

■ 186.1800, 0.4043,
10.3661

■ 192.3600, 0.8085,
20.7323

Harmonies

Analogous

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



149.0330, -27.1313, -24.5849



136.8540, -2.3930, -72.6630



127.0120, 24.6441, -111.3895

Triad

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



136.8540, -2.3930, -72.6630



156.1430, 43.3135, -32.5744



159.5940, -27.4078, 64.3771

Complementary

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



136.8540, -2.3930, -72.6630



97.1460, 2.3930, 72.6630

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.



161.2630, -8.5107, 69.9293



136.8540, -2.3930, -72.6630



164.5040, 29.3315, 18.8520

Square

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



136.8540, -2.3930, -72.6630



128.4380, 55.4931, -112.6401



163.4410, 11.6146, 54.8642



157.5470, -39.7097, 43.3703

Rectangle

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



136.8540, -2.3930, -72.6630



129.5030, 36.7270, -113.5741



163.4410, 11.6146, 54.8642



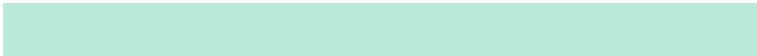
160.2230, -21.3089, 68.2104

Sweetspot

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



136.8540, -2.3930, -72.6630



217.8840, -0.9288, -28.8393



142.3140, -43.5388, -35.3554



107.0750, -0.5300, -16.7288



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



136.8540, -2.3930, -72.6630



167.5470, -3.7207, -113.6127



133.5210, 22.9141, -69.7399



85.9670, 0.0163, -5.2331



100.6410, -2.7810, -88.2622



17.0860, -0.5354, -14.9844

Inverse Universe

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



97.1460, 2.3930, 72.6630



105.4530, 3.7207, 113.6127



100.4790, -22.9141, 69.7399



83.1470, 0.4205, 5.1331



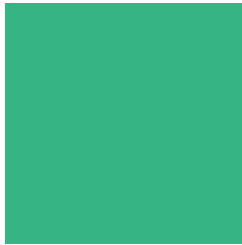
52.3590, 2.7810, 88.2622



8.9140, 0.5354, 14.9844

Previews

White Background



This preview shows how the YUV color 136.8540, -2.3930, -72.6630 looks on a white background.

Color Contrast Check

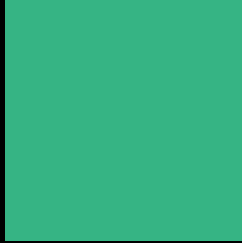
Large Text (above 18pt) WCAG AA × Fail

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 136.8540, -2.3930, -72.6630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

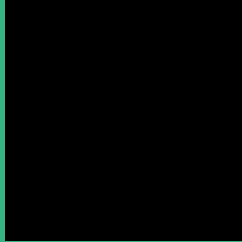
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 136.8540, -2.3930, -72.6630

Background



This preview shows how black text looks on a background with the YUV color 136.8540, -2.3930, -72.6630.



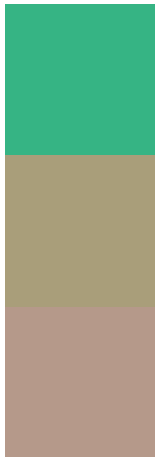
This preview shows how white text looks on a background with the YUV color 136.8540, -2.3930,

-72.6630.

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

136.8540, -2.3930, -72.6630

Protanopia

157.1850, -17.3462, 10.3618

Deuteranopia

159.6620, -10.6794, 18.7134



Tritanopia

145.8920, 20.2662, -60.4183

Trichromacy



Original Color

136.8540, -2.3930, -72.6630

Protanomaly

149.7790, -11.7230, -19.9772

Deuteranomaly

151.5500, -7.6661, -14.5143

Tritanomaly

142.9810, 11.8414, -64.8813

Monochromacy



Original Color

136.8540, -2.3930, -72.6630

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

137.1940, -1.0816, -26.4801

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.8540, -2.3930, -72.6630 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(54, 180, 132)` looks like.

```
.text, #text, p{  
    color:rgb(54, 180, 132)  
}
```

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(54, 180, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 180, 132) }
```

Border

The CSS property to change the border of an element to YUV 136.8540, -2.3930, -72.6630 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(54, 180, 132) }
```


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

```
.border{ border-color:rgb(54, 180, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 180, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 180, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 180, 132);  
box-shadow:4px 4px 4px 4px rgb(54, 180,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 136.8540, -2.3930, -72.6630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 180, 132) }
```

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

```
.background{ background-color: rgb(54, 180,  
132) }
```

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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