

Converting Colors

YUV(136.3980, -4.1402,
-72.2630)

Have a look what the booklet for
YUV(136.3980, -4.1402, -72.2630)
contains.

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Color

**YUV(136.3980, -4.1402,
-72.2630)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 36B480 |
| RGB | 54, 180, 128 |
| RGB Percent | 21%, 71%, 50% |
| CMY | 0.7882, 0.2941, 0.4980 |
| CMYK | 0.70, 0.00, 0.29, 0.29 |
| HSL | 155°, 54%, 46% |
| HSV | 155°, 70%, 71% |
| XYZ | 21.7389, 34.9853, 26.0292 |
| YIQ | 136.3980, -58.4040, -42.8840 |

Conversions

Conversions Part 2

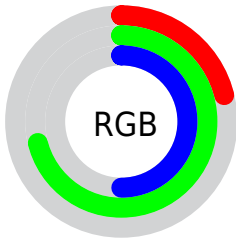
| Format | Color |
|-------------------------------------|---|
| RYB | 54, 133, 180 |
| Decimal | 3585152 |
| CIELab | 65.74, -46.54, 16.80 |
| CIElCh | 66, 49.479, 160.151 |
| Yxy | 34.9853, 0.2627, 0.4228 |
| Android (android.graphics.Color) | 4281775232 (0xFF36B480) |
| YUV | 136.3980, -4.1402, -72.2630 |
| Hunter-Lab | 59.1484, -37.9054, 15.3124 |

Details

The YUV color **136.3980, -4.1402, -72.2630** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **97.6020, 4.1402, 72.2630**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.4370, -6.6244, -68.7892**, and **82.9680, -1.9562, -72.7629** is the 20% darker color. If you saturate the color by 10%, you get **130.2180, -4.5445, -82.6292**, and if you desaturate by 10%, it is **142.5780, -3.7360, -61.8969**.

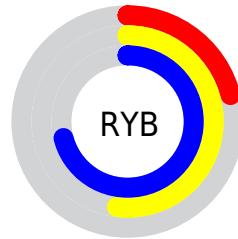
Distribution



Red (21%)

Green (71%)

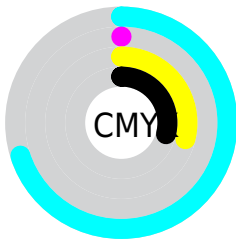
Blue (50%)



Red (21%)

Yellow (52%)

Blue (71%)

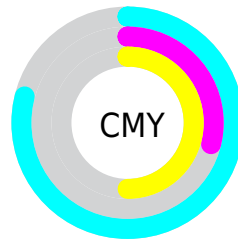


Cyan (70%)

Magenta (0%)

Yellow (29%)

Black (29%)



Cyan (79%)

Magenta (29%)

Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the YUV color 136.3980, -4.1402, -72.2630 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 136.3980, -4.1402, -72.2630 by changing the saturation by 10% instead.


 136.3980, -4.1402,
-72.2630


 136.3980, -4.1402,
-72.2630


255.0000, 0.0000,
0.0000


 101.5530, 0.7134,
-89.0620


 194.4370, -6.6244,
-68.7892

 82.9680, -1.9562,
-72.7629


 217.1650, -4.0253,
-62.4117

 64.9700, -4.9152,
-56.9787


 229.0280, 3.9302,
-47.3826

 47.9010, -6.8532,
-42.0092

 240.0500, 7.3704,
-30.7388

 31.3050, -9.5174,
-27.4545

 248.7210, 3.0955,
-12.9103

 16.4360, -8.1029,
-14.4144

 0.0000, 0.0000,

0.0000

■ 136.3980, -4.1402,
-72.2630

■ 136.3980, -4.1402,
-72.2630

■ 130.2180, -4.5445,
-82.6292

■ 142.5780, -3.7360,
-61.8969

■ 123.9240, -5.3855,
-92.8953

■ 148.8720, -2.8949,
-51.6307

■ 117.7440, -5.7898,
-103.2615

■ 155.0520, -2.4906,
-41.2646

■ 161.3460, -1.6496,
-30.9984

■ 167.5260, -1.2453,
-20.6323

■ 173.8200, -0.4043,
-10.3661

■ 180.0000, 0.0000,
0.0000

■ 186.1800, 0.4043,
10.3661

■ 192.4740, 1.2453,
20.6323

Harmonies

Analogous

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



148.4740, -29.3207, -22.3407



136.3980, -4.1402, -72.2630



126.6700, 23.3337, -111.0896

Triad

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



136.3980, -4.1402, -72.2630



154.6800, 45.5138, -38.3074



159.4310, -26.8345, 67.1510

Complementary

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



136.3980, -4.1402, -72.2630



97.6020, 4.1402, 72.2630

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.



160.9150, -7.3531, 71.9885



136.3980, -4.1402, -72.2630



164.0630, 31.5209, 16.6077

Square

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



136.3980, -4.1402, -72.2630



129.2530, 56.0773, -113.3549



163.8970, 13.3618, 54.4643



157.6290, -40.7361, 45.9294

Rectangle

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



136.3980, -4.1402, -72.2630



129.3890, 36.2902, -113.4742



163.8970, 13.3618, 54.4643



160.0600, -20.7356, 70.9844

Sweetspot

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



136.3980, -4.1402, -72.2630



217.6560, -1.8024, -28.6393



143.5100, -44.1284, -32.8963



106.9610, -0.9668, -16.6288



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.



136.3980, -4.1402, -72.2630



166.7490, -6.7783, -112.9129



136.4560, 21.4672, -72.3139



85.9670, 0.0163, -5.2331



100.0710, -4.9650, -87.7623



16.9720, -0.9722, -14.8844

Inverse Universe

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



97.6020, 4.1402, 72.2630



106.1370, 6.3415, 113.0129



98.1310, -21.7566, 71.7991



83.1470, 0.4205, 5.1331



52.9290, 4.9650, 87.7623



9.0280, 0.9722, 14.8844

Previews

White Background



This preview shows how the YUV color 136.3980, -4.1402, -72.2630 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 136.3980, -4.1402, -72.2630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

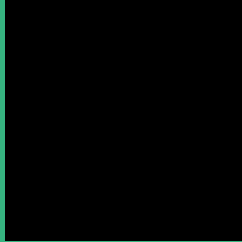
Any Text WCAG AA ✓ Pass

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 136.3980, -4.1402, -72.2630 Background



This preview shows how black text looks on a background with the YUV color 136.3980, -4.1402, -72.2630.



This preview shows how white text looks on a background with the YUV color 136.3980, -4.1402, -72.2630.

-72.2630.

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

136.3980, -4.1402, -72.2630

Protanopia

157.0280, -19.2408, 11.3764

Deuteranopia

158.9180, -12.2846, 20.2429



Tritanopia

145.4900, 19.9714, -59.1887

Trichromacy



Original Color

136.3980, -4.1402, -72.2630



Protanomaly

149.6220, -13.6176, -18.9625



Deuteranomaly

150.5070, -9.1240, -13.5996



Tritanomaly

142.1660, 11.2572, -64.1666

Monochromacy



Original Color

136.3980, -4.1402, -72.2630



Achromatopsia

136.0000, 0.0000, 0.0000



Achromatomaly

136.0800, -1.5184, -26.3802

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.3980, -4.1402, -72.2630 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, 128)` looks like.

```
.text, #text, p{  
    color:rgb(54, 180, 128)  
}
```

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, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 180, 128) }
```

Border

The CSS property to change the border of an element to YUV 136.3980, -4.1402, -72.2630 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, 128) }
```


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

```
.border{ border-color:rgb(54, 180, 128) }
```

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, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 180, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 180, 128);  
box-shadow:4px 4px 4px 4px rgb(54, 180,  
128) }
```

Background

The CSS property to change the background color of an element to YUV 136.3980, -4.1402, -72.2630 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, 128) }
```

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

```
.background{ background-color: rgb(54, 180,  
128) }
```

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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