

Converting Colors

YUV(138.5940, -1.2788,
-56.6489)

Have a look what the booklet for
YUV(138.5940, -1.2788, -56.6489)
contains.

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Color

**YUV(138.5940, -1.2788,
-56.6489)**

Conversions

Conversions Part 1

Format	Color
Hex	4AAC88
RGB	74, 172, 136
RGB Percent	29%, 67%, 53%
CMY	0.7098, 0.3255, 0.4667
CMYK	0.57, 0.00, 0.21, 0.33
HSL	158°, 40%, 48%
HSV	158°, 57%, 67%
XYZ	22.0205, 32.7385, 28.4511
YIQ	138.5940, -46.8520, -31.9720

Conversions

Conversions Part 2

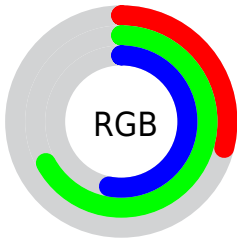
Format	Color
RYB	74, 134, 172
Decimal	4893832
CIELab	63.95, -37.52, 9.98
CIElCh	64, 38.820, 165.103
Yxy	32.7385, 0.2646, 0.3934
Android (android.graphics.Color)	4283083912 (0xFF4AAC88)
YUV	138.5940, -1.2788, -56.6489
Hunter-Lab	57.2175, -31.4339, 10.5706

Details

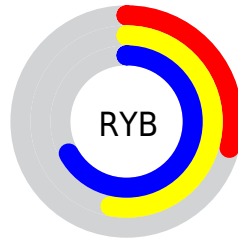
The YUV color **138.5940, -1.2788, -56.6489** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **107.4060, 1.2788, 56.6489**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.5510, -2.7366, -55.7342**, and **79.6570, 3.1271, -69.8592** is the 20% darker color. If you saturate the color by 10%, you get **132.8270, -1.3937, -66.5003**, and if you desaturate by 10%, it is **144.3610, -1.1640, -46.7976**.

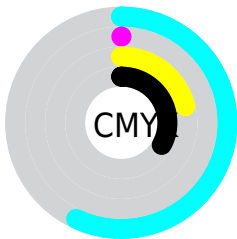
Distribution



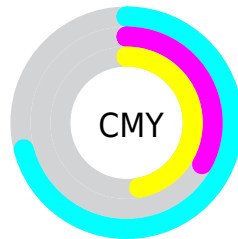
- Red (29%)
- Green (67%)
- Blue (53%)



- Red (29%)
- Yellow (53%)
- Blue (67%)



- Cyan (57%)
- Magenta (0%)
- Yellow (21%)
- Black (33%)



- Cyan (71%)
- Magenta (33%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 138.5940, -1.2788, -56.6489 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 138.5940, -1.2788, -56.6489 by changing the saturation by 10% instead.

 138.5940, -1.2788,
-56.6489

 138.5940, -1.2788,
-56.6489


255.0000, 0.0000,
0.0000

 110.6260, 0.1844,
-59.3080


 194.5510, -2.7366,
-55.7342

 79.6570, 3.1271,
-69.8592


 221.9640, -2.4473,
-55.2194


 62.3600, 0.3155,
-54.6897


 233.6420, 6.0925,
-40.9050

 45.1770, -2.0593,
-39.6202

 243.6380, 5.6015,
-23.3615

 29.2820, -4.5760,
-25.6803

 252.3090, 1.3267,
-5.5330

 12.9140, -6.3666,
-11.3256

 0.0000, 0.0000,

0.0000

■ 138.5940, -1.2788,
-56.6489

■ 138.5940, -1.2788,
-56.6489

■ 132.8270, -1.3937,
-66.5003

■ 144.3610, -1.1640,
-46.7976

■ 126.9460, -1.9454,
-76.2516

■ 150.2420, -0.6123,
-37.0462

■ 120.8800, -1.9128,
-86.7178

■ 156.3080, -0.6448,
-26.5801

■ 115.1130, -2.0277,
-96.5691

■ 162.0750, -0.5300,
-16.7288

■ 113.3900, -2.1643,
-99.4430

■ 167.9560, 0.0217,
-6.9774

■ 173.7230, 0.1366,
2.8739

■ 179.4900, 0.2514,
12.7253

■ 185.6700, 0.6557,
23.0914

■ 191.4370, 0.7706,
32.9428

Harmonies

Analogous

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



146.1780, -20.3008, -22.0811



138.5940, -1.2788, -56.6489



121.1590, 25.0646, -106.2564

Triad

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



138.5940, -1.2788, -56.6489



154.0000, 33.5240, -19.2940



155.4290, -23.8755, 51.3668

Complementary

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



138.5940, -1.2788, -56.6489



107.4060, 1.2788, 56.6489

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.



157.3600, -9.0515, 56.6893



138.5940, -1.2788, -56.6489



158.9680, 22.2008, 19.3221

Square

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



138.5940, -1.2788, -56.6489



140.6090, 39.6328, -65.4321



158.6480, 7.5685, 45.9127



153.7290, -32.4044, 33.5637

Rectangle

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



138.5940, -1.2788, -56.6489



123.0800, 34.9636, -107.9412



158.6480, 7.5685, 45.9127



156.3030, -19.3764, 54.9853

Sweetspot

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



138.5940, -1.2788, -56.6489



211.0420, -0.5137, -21.9618



142.8880, -33.9618, -27.0888



104.5100, -0.2514, -12.7253



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



138.5940, -1.2788, -56.6489



172.1680, -2.0548, -87.8473



136.2410, 17.6292, -54.5854



83.9670, 0.0163, -5.2331



98.8800, -1.9128, -86.7178



15.2110, -0.1040, -13.3400

Inverse Universe

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



107.4060, 1.2788, 56.6489



123.8320, 2.0548, 87.8473



109.7590, -17.6292, 54.5854



81.0330, -0.0163, 5.2331



51.1200, 1.9128, 86.7178



7.7890, 0.1040, 13.3400

Previews

White Background



This preview shows how the YUV color 138.5940, -1.2788, -56.6489 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 138.5940, -1.2788, -56.6489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

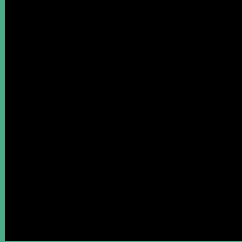
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 138.5940, -1.2788, -56.6489

Background



This preview shows how black text looks on a background with the YUV color 138.5940, -1.2788, -56.6489.



This preview shows how white text looks on a background with the YUV color 138.5940, -1.2788, -56.6489.

-56.6489.

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

138.5940, -1.2788, -56.6489

Protanopia

153.6130, -13.1202, 8.2324

Deuteranopia

154.9760, -6.8902, 16.6840



Tritanopia

144.2740, 17.6129, -49.3523

Trichromacy



Original Color

138.5940, -1.2788, -56.6489

Protanomaly

148.4960, -9.1185, -15.3440

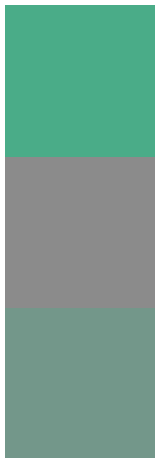
Deuteranomaly

149.2670, -5.0616, -9.8812

Tritanomaly

142.1290, 10.7824, -51.8561

Monochromacy



Original Color

138.5940, -1.2788, -56.6489

Achromatopsia

139.0000, 0.0000, 0.0000

Achromatomaly

138.7540, -0.3717, -20.8323

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.5940, -1.2788, -56.6489 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(74, 172, 136)` looks like.

```
.text, #text, p{  
    color:rgb(74, 172, 136)  
}
```

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(74, 172, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 172, 136) }
```

Border

The CSS property to change the border of an element to YUV 138.5940, -1.2788, -56.6489 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(74, 172, 136) }
```


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

```
.border{ border-color:rgb(74, 172, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 172, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 172, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 172, 136);  
box-shadow:4px 4px 4px 4px rgb(74, 172,  
136) }
```

Background

The CSS property to change the background color of an element to YUV 138.5940, -1.2788, -56.6489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 172, 136) }
```

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

```
.background{ background-color: rgb(74, 172,  
136) }
```

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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