

Converting Colors

YUV(139.0500, 0.4683,
-57.0489)

Have a look what the booklet for
YUV(139.0500, 0.4683, -57.0489)
contains.

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Color

**YUV(139.0500, 0.4683,
-57.0489)**

Conversions

Conversions Part 1

Format	Color
Hex	4AAC8C
RGB	74, 172, 140
RGB Percent	29%, 67%, 55%
CMY	0.7098, 0.3255, 0.4510
CMYK	0.57, 0.00, 0.19, 0.33
HSL	160°, 40%, 48%
HSV	160°, 57%, 67%
XYZ	22.3102, 32.8543, 29.9766
YIQ	139.0500, -48.1360, -30.7280

Conversions

Conversions Part 2

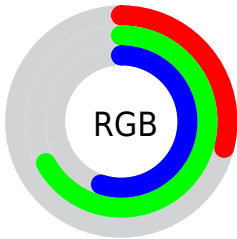
Format	Color
RYB	74, 133, 172
Decimal	4893836
CIELab	64.04, -36.58, 7.90
CIElCh	64, 37.424, 167.818
Yxy	32.8543, 0.2620, 0.3859
Android (android.graphics.Color)	4283083916 (0xFF4AAC8C)
YUV	139.0500, 0.4683, -57.0489
Hunter-Lab	57.3187, -30.8301, 9.1156

Details

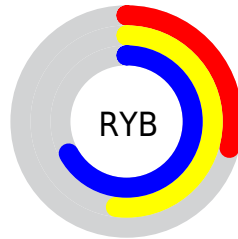
The YUV color **139.0500, 0.4683, -57.0489** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **106.9500, -0.4683, 57.0489**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.1210, -0.5527, -56.2341**, and **80.1130, 4.8743, -70.2591** is the 20% darker color. If you saturate the color by 10%, you get **133.2830, 0.3535, -66.9002**, and if you desaturate by 10%, it is **144.8170, 0.5832, -47.1975**.

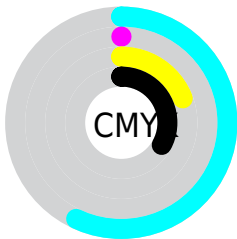
Distribution



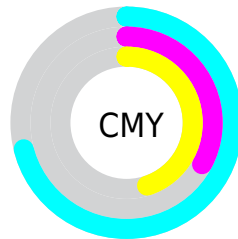
- Red (29%)
- Green (67%)
- Blue (55%)



- Red (29%)
- Yellow (52%)
- Blue (67%)



- Cyan (57%)
- Magenta (0%)
- Yellow (19%)
- Black (33%)



- Cyan (71%)
- Magenta (33%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 139.0500, 0.4683, -57.0489 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 139.0500, 0.4683, -57.0489 by changing the saturation by 10% instead.

■ 139.0500, 0.4683,
-57.0489

■ 139.0500, 0.4683,
-57.0489

■ 255.0000, 0.0000,
0.0000

■ 110.9680, 1.4948,
-59.6079

■ 195.1210, -0.5527,
-56.2341

■ 80.1130, 4.8743,
-70.2591

■ 222.4200, -0.7001,
-55.6193

■ 62.8160, 2.0627,
-55.0896

■ 234.3970, 7.6923,
-40.6902

■ 45.5190, -0.7489,
-39.9202

■ 243.6380, 5.6015,
-23.3615

■ 29.7380, -2.8288,
-26.0802

■ 252.3090, 1.3267,
-5.5330

■ 13.5010, -6.6560,
-11.8404

■ 0.0000, 0.0000,

0.0000

■ 139.0500, 0.4683,
-57.0489

■ 139.0500, 0.4683,
-57.0489

■ 133.2830, 0.3535,
-66.9002

■ 144.8170, 0.5832,
-47.1975

■ 127.6300, 0.6754,
-76.8515

■ 150.4700, 0.2613,
-37.2462

■ 121.5640, 0.7079,
-87.3176

■ 156.5360, 0.2288,
-26.7801

■ 115.9110, 1.0299,
-97.2689

■ 162.1890, -0.0932,
-16.8288

■ 114.1880, 0.8933,
-100.1429

■ 167.9560, 0.0217,
-6.9774

■ 173.7230, 0.1366,
2.8739

■ 179.3760, -0.1854,
12.8252

■ 185.4420, -0.2179,
23.2914

■ 191.2090, -0.1030,
33.1427

Harmonies

Analogous

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



146.6230, -18.5481, -24.2254



139.0500, 0.4683, -57.0489



121.3870, 25.9382, -106.4564

Triad

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



139.0500, 0.4683, -57.0489



155.4520, 31.3292, -15.3054



155.7060, -24.0121, 48.4928

Complementary

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



139.0500, 0.4683, -57.0489



106.9500, -0.4683, 57.0489

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.



157.5940, -10.6458, 54.7301



139.0500, 0.4683, -57.0489



159.4090, 20.0114, 21.5663

Square

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



139.0500, 0.4683, -57.0489



144.3820, 37.2797, -57.3400



158.7790, 5.5320, 45.7978



154.2340, -31.6674, 30.4898

Rectangle

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



139.0500, 0.4683, -57.0489



122.6070, 35.6897, -107.5263



158.7790, 5.5320, 45.7978



156.4660, -19.9497, 52.2113

Sweetspot

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



139.0500, 0.4683, -57.0489



211.2700, 0.3599, -22.1618



141.3930, -33.2247, -30.1627



104.6240, 0.1854, -12.8252



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.



139.0500, 0.4683, -57.0489



172.9660, 1.0028, -88.5472



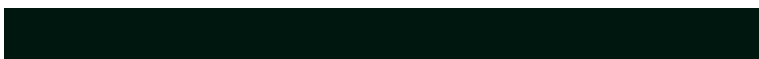
133.3060, 19.0761, -52.0114



83.9670, 0.0163, -5.2331



99.5640, 0.7079, -87.3176



15.2110, -0.1040, -13.3400

Inverse Universe

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



106.9500, -0.4683, 57.0489



123.1480, -0.5660, 88.4472



112.6940, -19.0761, 52.0114



81.0330, -0.0163, 5.2331



50.4360, -0.7079, 87.3176



7.6750, -0.3328, 13.4400

Previews

White Background



This preview shows how the YUV color 139.0500, 0.4683, -57.0489 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 139.0500, 0.4683, -57.0489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

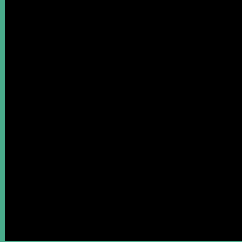
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 139.0500, 0.4683, -57.0489

Background



This preview shows how black text looks on a background with the YUV color 139.0500, 0.4683, -57.0489.

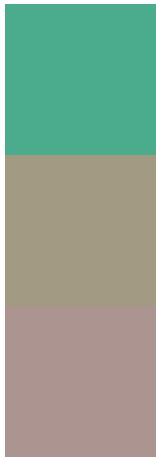


This preview shows how white text looks on a background with the YUV color 139.0500, 0.4683, -57.0489.

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

139.0500, 0.4683, -57.0489

Protanopia

153.7700, -11.2256, 7.2177

Deuteranopia

155.4210, -5.1376, 14.5398



Tritanopia

144.5620, 17.4709, -50.4819

Trichromacy



Original Color

139.0500, 0.4683, -57.0489

Protanomaly

148.6530, -7.2239, -16.3587

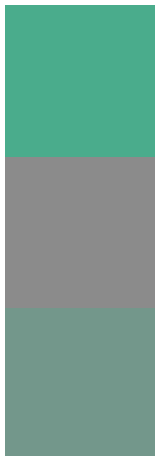
Deuteranomaly

149.1250, -3.0196, -11.5106

Tritanomaly

142.5310, 11.0772, -53.0857

Monochromacy



Original Color

139.0500, 0.4683, -57.0489

Achromatopsia

139.0000, 0.0000, 0.0000

Achromatomaly

138.8680, 0.0651, -20.9322

CSS Examples

Text

The CSS property to change the color of the text to YUV 139.0500, 0.4683, -57.0489 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, 140)` looks like.

```
.text, #text, p{  
    color:rgb(74, 172, 140)  
}
```

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, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 172, 140) }
```

Border

The CSS property to change the border of an element to YUV 139.0500, 0.4683, -57.0489 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, 140) }
```


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

```
.border{ border-color:rgb(74, 172, 140) }
```

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, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 172, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 172, 140);  
box-shadow:4px 4px 4px 4px rgb(74, 172,  
140) }
```

Background

The CSS property to change the background color of an element to YUV 139.0500, 0.4683, -57.0489 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, 140) }
```

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

```
.background{ background-color: rgb(74, 172,  
140) }
```

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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