

Converting Colors

YUV(168.6700, 3.6137,
-39.1756)

Have a look what the booklet for
YUV(168.6700, 3.6137, -39.1756)
contains.

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Color

**YUV(168.6700, 3.6137,
-39.1756)**

Conversions

Conversions Part 1

Format	Color
Hex	7CBEB0
RGB	124, 190, 176
RGB Percent	49%, 75%, 69%
CMY	0.5137, 0.2549, 0.3098
CMYK	0.35, 0.00, 0.07, 0.25
HSL	167°, 34%, 62%
HSV	167°, 35%, 75%
XYZ	34.5621, 44.2466, 47.7931
YIQ	168.6700, -34.8420, -18.3460

Conversions

Conversions Part 2

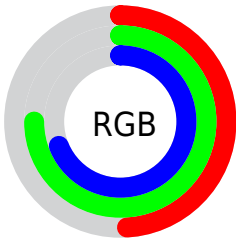
Format	Color
RYB	124, 161, 190
Decimal	8175280
CIELab	72.39, -24.12, 0.41
CIElCh	72, 24.126, 179.036
Yxy	44.2466, 0.2730, 0.3495
Android (android.graphics.Color)	4286365360 (0xFF7CBEB0)
YUV	168.6700, 3.6137, -39.1756
Hunter-Lab	66.5181, -23.6600, 3.9629

Details

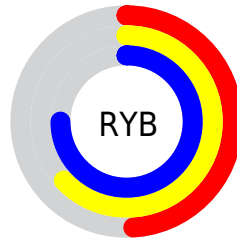
The YUV color **168.6700, 3.6137, -39.1756** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **145.3300, -3.6137, 39.1756**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.9580, 3.4717, -40.3052**, and **115.1970, 4.3399, -38.7608** is the 20% darker color. If you saturate the color by 10%, you get **162.5330, 4.6672, -50.4564**, and if you desaturate by 10%, it is **174.8070, 2.5601, -27.8947**.

Distribution



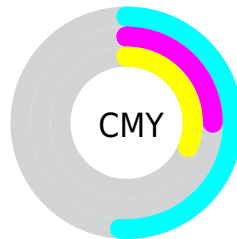
- Red (49%)
- Green (75%)
- Blue (69%)



- Red (49%)
- Yellow (63%)
- Blue (75%)



- Cyan (35%)
- Magenta (0%)
- Yellow (7%)
- Black (25%)



- Cyan (51%)
- Magenta (25%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.6700, 3.6137, -39.1756 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 168.6700, 3.6137, -39.1756 by changing the saturation by 10% instead.

■ 168.6700, 3.6137,
-39.1756

■ 168.6700, 3.6137,
-39.1756

255.0000, 0.0000,
0.0000

■ 141.6700, 3.6137,
-39.1756

■ 224.9580, 3.4717,
-40.3052

■ 115.1970, 4.3399,
-38.7608

■ 240.6480, 7.0755,
-29.5093

■ 89.8980, 4.4873,
-39.3755

■ 249.3190, 2.8007,
-11.6808

■ 63.2180, 5.8085,
-43.1642

■ 42.3220, 4.7713,
-37.1164

■ 27.0140, 1.9651,
-23.6913

■ 10.1900, -1.5727,

-8.9366

■ 0.0000, 0.0000,
0.0000

■ 168.6700, 3.6137,
-39.1756

■ 168.6700, 3.6137,
-39.1756

■ 162.5330, 4.6672,
-50.4564

■ 174.8070, 2.5601,
-27.8947

■ 156.3960, 5.7208,
-61.7373

■ 180.9440, 1.5066,
-16.6139

■ 150.2590, 6.7743,
-73.0181

■ 187.0810, 0.4531,
-5.3330

■ 144.1220, 7.8279,
-84.2990

■ 193.2180, -0.6005,
5.9478

■ 137.9850, 8.8814,
-95.5798

■ 199.3550, -1.6540,
17.2287

■ 131.8480, 9.9349,
-106.8607

■ 205.4920, -2.7076,
28.5095

■ 128.6300, 10.5354,
-112.8085

■ 211.0310, -3.4663,
38.5608

■ 211.4870, -1.7191,
38.1609

■ 211.9430, 0.0281,
37.7610

Harmonies

Analogous

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



171.5660, -8.6600, -22.4214



168.6700, 3.6137, -39.1756



167.6010, 14.9867, -47.0081

Triad

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



168.6700, 3.6137, -39.1756



179.4080, 18.0399, 0.5192



178.8500, -19.1530, 29.9496

Complementary

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



168.6700, 3.6137, -39.1756



145.3300, -3.6137, 39.1756

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.



179.9570, -11.3178, 36.8717



168.6700, 3.6137, -39.1756



181.0640, 9.8284, 20.9919

Square

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



168.6700, 3.6137, -39.1756



175.7040, 22.3309, -22.5424



181.2800, -1.1240, 33.9574



176.8930, -21.1462, 15.8798

Rectangle

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



168.6700, 3.6137, -39.1756



169.2900, 20.0700, -44.1043



181.2800, -1.1240, 33.9574



178.8550, -16.6905, 33.4532

Sweetspot

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



168.6700, 3.6137, -39.1756



239.2540, 1.3538, -14.2548



166.9280, -21.1635, -25.3699



120.1730, 0.9007, -8.9217



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



168.6700, 3.6137, -39.1756



213.3960, 5.7208, -61.7373



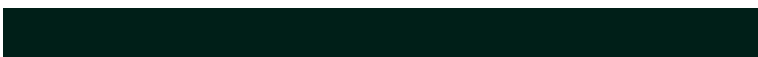
159.1130, 15.2273, -30.7941



91.0810, 0.4531, -5.3330



106.9960, 8.8760, -93.8355



20.9330, 1.5120, -18.3582

Inverse Universe

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



145.3300, -3.6137, 39.1756



176.6040, -5.7208, 61.7373



154.8870, -15.2273, 30.7941



87.9190, -0.4531, 5.3330



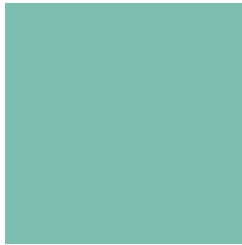
51.1180, -8.4392, 93.7355



9.9530, -1.9488, 18.4582

Previews

White Background



This preview shows how the YUV color 168.6700, 3.6137, -39.1756 looks on a white background.

Color Contrast Check

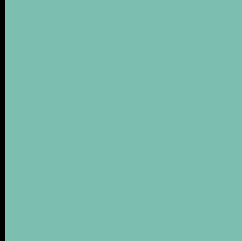
Large Text (above 18pt) WCAG AA × Fail

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 168.6700, 3.6137, -39.1756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

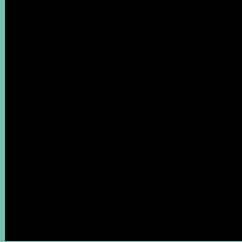
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 168.6700, 3.6137, -39.1756

Background



This preview shows how black text looks on a background with the YUV color 168.6700, 3.6137, -39.1756.



This preview shows how white text looks on a background with the YUV color 168.6700, 3.6137,

-39.1756.

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

168.6700, 3.6137, -39.1756

Protanopia

176.8820, -4.3788, 4.4885

Deuteranopia

178.3050, 0.8356, 12.0105



Tritanopia

170.9660, 14.8068, -35.9272

Trichromacy



Original Color

168.6700, 3.6137, -39.1756

Protanomaly

173.8800, -1.4198, -11.2958

Deuteranomaly

174.8250, 2.0583, -6.8625

Tritanomaly

169.9290, 10.8810, -36.7717

Monochromacy



Original Color

168.6700, 3.6137, -39.1756

Achromatopsia

169.0000, 0.0000, 0.0000

Achromatomaly

169.2540, 1.3538, -14.2548

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.6700, 3.6137, -39.1756 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(124, 190, 176)` looks like.

```
.text, #text, p{  
    color:rgb(124, 190, 176)  
}
```

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(124, 190, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 190, 176) }
```

Border

The CSS property to change the border of an element to YUV 168.6700, 3.6137, -39.1756 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(124, 190, 176) }
```


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

```
.border{ border-color:rgb(124, 190, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 190, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(124, 190, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(124, 190, 176); box-shadow:4px 4px 4px 4px rgb(124, 190, 176) }
```

Background

The CSS property to change the background color of an element to YUV 168.6700, 3.6137, -39.1756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 190, 176) }
```

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

```
.background{ background-color: rgb(124,  
190, 176) }
```

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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