

Converting Colors

YUV(178.2230, 8.2711,
-39.6606)

Have a look what the booklet for
YUV(178.2230, 8.2711, -39.6606)
contains.

YUV(178.2230, 8.2711, -39.6606)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(178.2230, 8.2711,
-39.6606)**

Conversions

Conversions Part 1

Format	Color
Hex	85C6C3
RGB	133, 198, 195
RGB Percent	52%, 78%, 76%
CMY	0.4784, 0.2235, 0.2353
CMYK	0.33, 0.00, 0.02, 0.22
HSL	177°, 36%, 65%
HSV	177°, 33%, 78%
XYZ	39.7173, 49.3148, 59.0552
YIQ	178.2230, -37.7770, -14.7130

Conversions

Conversions Part 2

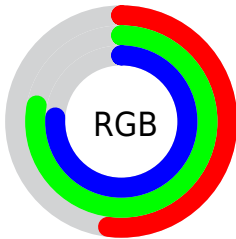
Format	Color
R_{YB}	133, 166, 198
Decimal	8767171
CIE _{Lab}	75.65, -21.22, -5.09
CIE _{LCh}	76, 21.822, 193.493
Yxy	49.3148, 0.2682, 0.3330
Android (android.graphics.Color)	4286957251 (0xFF85C6C3)
YUV	178.2230, 8.2711, -39.6606
Hunter-Lab	70.2245, -21.9377, -0.7026

Details

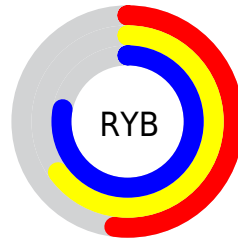
The YUV color **178.2230, 8.2711, -39.6606** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **152.7770, -8.2711, 39.6606**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.6250, 8.5659, -40.8901**, and **124.5220, 8.1237, -39.0458** is the 20% darker color. If you saturate the color by 10%, you get **172.1290, 10.7824, -51.8561**, and if you desaturate by 10%, it is **184.3170, 5.7597, -27.4650**.

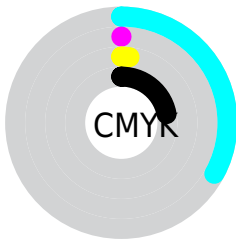
Distribution



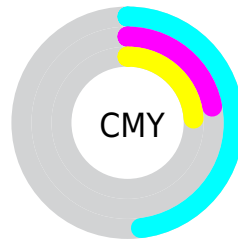
- Red (52%)
- Green (78%)
- Blue (76%)



- Red (52%)
- Yellow (65%)
- Blue (78%)



- Cyan (33%)
- Magenta (0%)
- Yellow (2%)
- Black (22%)



- Cyan (48%)
- Magenta (22%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.2230, 8.2711, -39.6606 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 178.2230, 8.2711, -39.6606 by changing the saturation by 10% instead.

■ 178.2230, 8.2711,
-39.6606

■ 178.2230, 8.2711,
-39.6606

255.0000, 0.0000,
0.0000

■ 151.2230, 8.2711,
-39.6606

■ 234.6250, 8.5659,
-40.8901

■ 124.5220, 8.1237,
-39.0458

■ 243.6380, 5.6015,
-23.3615

■ 98.3370, 8.7079,
-39.7605

■ 252.3090, 1.3267,
-5.5330

■ 72.1410, 9.2975,
-42.2197

■ 48.2550, 9.7343,
-42.3196

■ 32.8330, 6.4913,
-28.7945

■ 19.2860, 2.8170,

-16.9138

■ 0.0000, 0.0000,
0.0000

■ 178.2230, 8.2711,
-39.6606

■ 178.2230, 8.2711,
-39.6606

■ 172.1290, 10.7824,
-51.8561

■ 184.3170, 5.7597,
-27.4650

■ 166.0350, 13.2937,
-64.0517

■ 190.4110, 3.2484,
-15.2694

■ 160.2400, 15.6577,
-75.6325

■ 196.2060, 0.8844,
-3.6887

■ 154.1460, 18.1690,
-87.8280

■ 202.3000, -1.6269,
8.5069

■ 148.0520, 20.6804,
-100.0236

■ 208.3940, -4.1382,
20.7025

■ 142.0720, 23.6285,
-112.3191

■ 214.3740, -7.0864,
32.9980

■ 137.7720, 25.2554,
-120.8260

■ 215.3850, -7.0918,
34.7424

■ 215.4990, -6.6550,
34.6424

■ 215.6130, -6.2182,
34.5424

Harmonies

Analogous

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



179.7270, -2.8234, -27.8246



178.2230, 8.2711, -39.6606



179.1010, 16.7122, -40.4306

Triad

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



178.2230, 8.2711, -39.6606



189.2090, 13.2080, 10.3407



186.5070, -18.9840, 22.3574

Complementary

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



178.2230, 8.2711, -39.6606



152.7770, -8.2711, 39.6606

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.



188.2400, -13.9223, 32.2385



178.2230, 8.2711, -39.6606



189.9030, 3.9918, 26.3951

Square

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



178.2230, 8.2711, -39.6606



186.5700, 18.9460, -10.1469



189.4280, -5.6340, 33.8276



184.5220, -18.4983, 6.5582

Rectangle

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



178.2230, 8.2711, -39.6606



181.0570, 20.1849, -34.2530



189.4280, -5.6340, 33.8276



187.1700, -17.8318, 26.1609

Sweetspot

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



178.2230, 8.2711, -39.6606



247.4110, 3.2484, -15.2694



172.0520, -19.2526, -31.6176



123.1020, 1.9217, -9.7365



0.0000, 0.0000, 0.0000



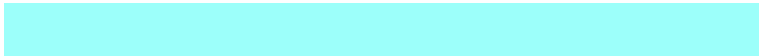
128.0000, 0.0000, 0.0000

Same Dimension

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



178.2230, 8.2711, -39.6606



224.8290, 12.4093, -60.3630



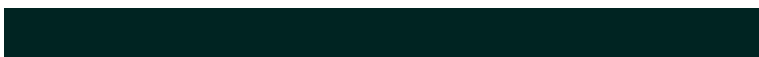
161.5420, 17.9738, -25.0313



96.3090, 1.3267, -5.5330



113.4650, 20.9698, -99.5088



25.0080, 4.4331, -21.9320

Inverse Universe

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



152.7770, -8.2711, 39.6606



186.0570, -12.8461, 60.4630



169.4580, -17.9738, 25.0313



92.6910, -1.3267, 5.5330



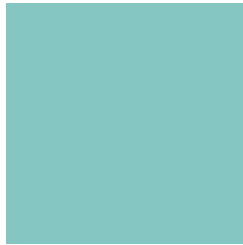
49.6490, -20.5330, 99.4088



10.9920, -4.4331, 21.9320

Previews

White Background



This preview shows how the YUV color 178.2230, 8.2711, -39.6606 looks on a white background.

Color Contrast Check

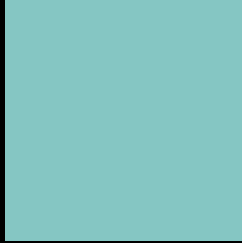
Large Text (above 18pt) WCAG AA × Fail

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 178.2230, 8.2711, -39.6606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

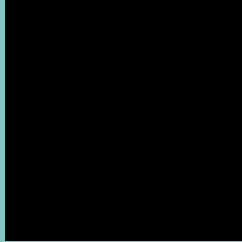
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 178.2230, 8.2711, -39.6606

Background



This preview shows how black text looks on a background with the YUV color 178.2230, 8.2711, -39.6606.



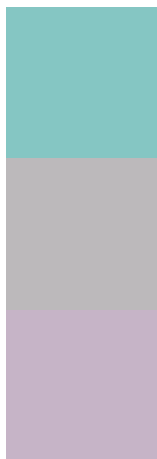
This preview shows how white text looks on a background with the YUV color 178.2230, 8.2711,

-39.6606.

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

178.2230, 8.2711, -39.6606

Protanopia

186.1250, 0.4314, 1.6444

Deuteranopia

187.5480, 5.6458, 9.1664



Tritanopia

180.0690, 15.2490, -37.7715

Trichromacy



Original Color

178.2230, 8.2711, -39.6606

Protanomaly

183.4220, 3.2430, -13.5251

Deuteranomaly

184.3670, 6.7211, -9.0919

Tritanomaly

179.6730, 12.4862, -38.3012

Monochromacy



Original Color

178.2230, 8.2711, -39.6606

Achromatopsia

178.0000, 0.0000, 0.0000

Achromatomaly

178.0090, 2.9536, -14.0399

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.2230, 8.2711, -39.6606 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(133, 198, 195)` looks like.

```
.text, #text, p{  
    color:rgb(133, 198, 195)  
}
```

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(133, 198, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 198, 195) }
```

Border

The CSS property to change the border of an element to YUV 178.2230, 8.2711, -39.6606 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(133, 198, 195) }
```


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

```
.border{ border-color:rgb(133, 198, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 198, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 198, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 198, 195);  
box-shadow:4px 4px 4px 4px rgb(133, 198,  
195) }
```

Background

The CSS property to change the background color of an element to YUV 178.2230, 8.2711, -39.6606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 198, 195) }
```

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

```
.background{ background-color: rgb(133,  
198, 195) }
```

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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