

Converting Colors

YUV(177.8810, 6.9607,
-39.3606)

Have a look what the booklet for
YUV(177.8810, 6.9607, -39.3606)
contains.

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Color

**YUV(177.8810, 6.9607,
-39.3606)**

Conversions

Conversions Part 1

Format	Color
Hex	85C6C0
RGB	133, 198, 192
RGB Percent	52%, 78%, 75%
CMY	0.4784, 0.2235, 0.2471
CMYK	0.33, 0.00, 0.03, 0.22
HSL	174°, 36%, 65%
HSV	174°, 33%, 78%
XYZ	39.3814, 49.1805, 57.2863
YIQ	177.8810, -36.8140, -15.6460

Conversions

Conversions Part 2

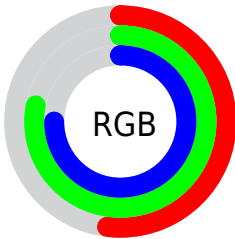
Format	Color
R_{YB}	133, 167, 198
Decimal	8767168
CIE _{Lab}	75.56, -21.92, -3.59
CIE _{LCh}	76, 22.210, 189.303
Yxy	49.1805, 0.2700, 0.3372
Android (android.graphics.Color)	4286957248 (0xFF85C6C0)
YUV	177.8810, 6.9607, -39.3606
Hunter-Lab	70.1288, -22.4873, 0.6577

Details

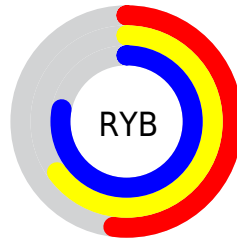
The YUV color **177.8810, 6.9607, -39.3606** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **153.1190, -6.9607, 39.3606**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.1690, 6.8187, -40.4902**, and **124.2940, 7.2501, -38.8458** is the 20% darker color. If you saturate the color by 10%, you get **171.6730, 9.0352, -51.4562**, and if you desaturate by 10%, it is **184.0890, 4.8861, -27.2651**.

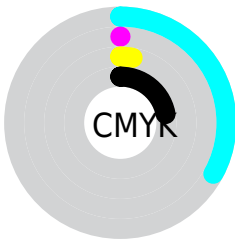
Distribution



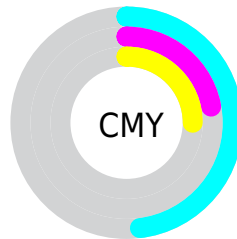
- Red (52%)
- Green (78%)
- Blue (75%)



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



- Cyan (33%)
- Magenta (0%)
- Yellow (3%)
- Black (22%)



- Cyan (48%)
- Magenta (22%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.8810, 6.9607, -39.3606 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 177.8810, 6.9607, -39.3606 by changing the saturation by 10% instead.

■ 177.8810, 6.9607,
-39.3606

■ 177.8810, 6.9607,
-39.3606

255.0000, 0.0000,
0.0000

■ 150.8810, 6.9607,
-39.3606

■ 234.1690, 6.8187,
-40.4902

■ 124.2940, 7.2501,
-38.8458

■ 243.6380, 5.6015,
-23.3615

■ 97.9950, 7.3975,
-39.4606

■ 252.3090, 1.3267,
-5.5330

■ 71.9130, 8.4239,
-42.0197

■ 47.9130, 8.4239,
-42.0197

■ 32.4910, 5.1809,
-28.4946

■ 19.0580, 1.9434,

-16.7139

■ 0.0000, 0.0000,
0.0000

■ 177.8810, 6.9607,
-39.3606

■ 177.8810, 6.9607,
-39.3606

■ 171.6730, 9.0352,
-51.4562

■ 184.0890, 4.8861,
-27.2651

■ 165.4650, 11.1098,
-63.5518

■ 190.2970, 2.8116,
-15.1695

■ 159.6700, 13.4737,
-75.1326

■ 196.0920, 0.4476,
-3.5887

■ 153.4620, 15.5482,
-87.2282

■ 202.3000, -1.6269,
8.5069

■ 147.2540, 17.6228,
-99.3238

■ 208.5080, -3.7014,
20.6025

■ 141.0460, 19.6973,
-111.4193

■ 214.7160, -5.7760,
32.6981

■ 136.7460, 21.3242,
-119.9262

■ 215.8410, -5.3446,
34.3424

■ 216.0690, -4.4710,
34.1425

■ 216.1830, -4.0342,
34.0425

Harmonies

Analogous

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



179.9830, -4.4286, -26.2951



177.8810, 6.9607, -39.3606



177.9760, 16.2808, -42.0750

Triad

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



177.8810, 6.9607, -39.3606



189.1270, 14.2344, 7.7816



186.8170, -19.1368, 24.7165

Complementary

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



177.8810, 6.9607, -39.3606



153.1190, -6.9607, 39.3606

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.



188.0660, -13.3435, 33.2681



177.8810, 6.9607, -39.3606



189.6470, 5.5970, 24.8656

Square

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



177.8810, 6.9607, -39.3606



186.0750, 19.6830, -13.2208



189.6560, -4.7604, 33.6277



184.7180, -19.0880, 9.0173

Rectangle

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



177.8810, 6.9607, -39.3606



180.3340, 20.0483, -37.1269



189.6560, -4.7604, 33.6277



187.2950, -17.4004, 27.8053

Sweetspot

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



177.8810, 6.9607, -39.3606



247.2970, 2.8116, -15.1695



173.2480, -19.8423, -29.1585



122.9880, 1.4849, -9.6365



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.



177.8810, 6.9607, -39.3606



224.3730, 10.6621, -59.9631



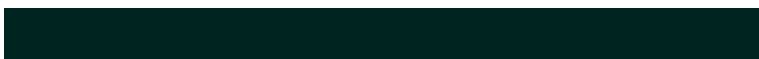
163.3030, 17.1056, -26.5757



96.3090, 1.3267, -5.5330



112.5530, 17.4754, -98.7090



24.7800, 3.5595, -21.7321

Inverse Universe

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



153.1190, -6.9607, 39.3606



186.6270, -10.6621, 59.9631



167.6970, -17.1056, 26.5757



92.6910, -1.3267, 5.5330



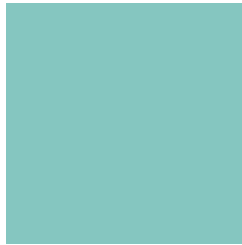
50.4470, -17.4754, 98.7090



11.1060, -3.9963, 21.8320

Previews

White Background



This preview shows how the YUV color 177.8810, 6.9607, -39.3606 looks on a white background.

Color Contrast Check

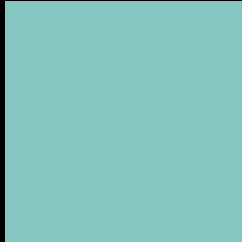
Large Text (above 18pt) WCAG AA × Fail

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 177.8810, 6.9607, -39.3606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

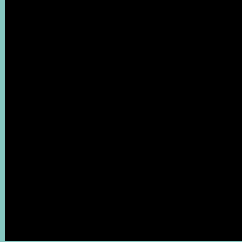
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 177.8810, 6.9607, -39.3606

Background



This preview shows how black text looks on a background with the YUV color 177.8810, 6.9607, -39.3606.



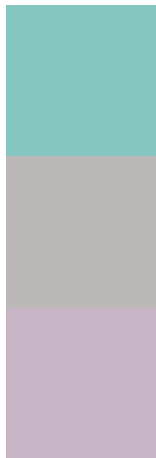
This preview shows how white text looks on a background with the YUV color 177.8810, 6.9607,

-39.3606.

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

177.8810, 6.9607, -39.3606

Protanopia

185.4950, -0.7370, 3.0739

Deuteranopia

187.5050, 4.1880, 10.0811



Tritanopia

179.4820, 15.5384, -37.2567

Trichromacy



Original Color

177.8810, 6.9607, -39.3606

Protanomaly

182.7920, 2.0745, -12.0956

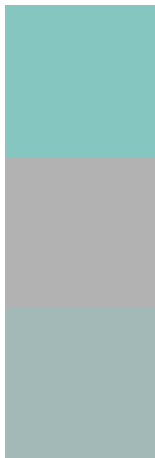
Deuteranomaly

184.3240, 5.2633, -8.1771

Tritanomaly

178.9720, 12.3388, -37.6864

Monochromacy



Original Color

177.8810, 6.9607, -39.3606

Achromatopsia

178.0000, 0.0000, 0.0000

Achromatomaly

177.8950, 2.5168, -13.9399

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.8810, 6.9607, -39.3606 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, 192)` looks like.

```
.text, #text, p{  
    color:rgb(133, 198, 192)  
}
```

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, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 198, 192) }
```

Border

The CSS property to change the border of an element to YUV 177.8810, 6.9607, -39.3606 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, 192) }
```


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

```
.border{ border-color:rgb(133, 198, 192) }
```

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, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 198, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 198, 192);  
box-shadow:4px 4px 4px 4px rgb(133, 198,  
192) }
```

Background

The CSS property to change the background color of an element to YUV 177.8810, 6.9607, -39.3606 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, 192) }
```

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

```
.background{ background-color: rgb(133,  
198, 192) }
```

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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