

Converting Colors

YUV(169.9870, 12.8244,
-53.4856)

Have a look what the booklet for
YUV(169.9870, 12.8244, -53.4856)
contains.

YUV(169.9870, 12.8244, -53.4856)	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(169.9870, 12.8244,
-53.4856)**

Conversions

Conversions Part 1

Format	Color
Hex	6DC4C4
RGB	109, 196, 196
RGB Percent	43%, 77%, 77%
CMY	0.5725, 0.2314, 0.2314
CMYK	0.44, 0.00, 0.00, 0.23
HSL	180°, 42%, 60%
HSV	180°, 44%, 77%
XYZ	36.0104, 46.7166, 59.3438
YIQ	169.9870, -51.8520, -18.4440

Conversions

Conversions Part 2

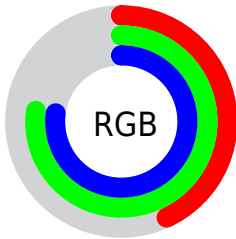
Format	Color
RYB	109, 153, 196
Decimal	7193796
CIELab	74.01, -26.17, -8.18
CIElCh	74, 27.417, 197.363
Yxy	46.7166, 0.2535, 0.3288
Android (android.graphics.Color)	4285383876 (0xFF6DC4C4)
YUV	169.9870, 12.8244, -53.4856
Hunter-Lab	68.3495, -25.5678, -3.6333

Details

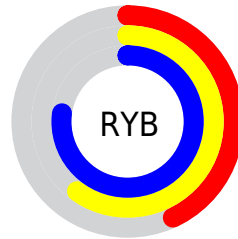
The YUV color **169.9870, 12.8244, -53.4856** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **135.0130, -12.8244, 53.4856**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.9870, 12.8244, -53.4856**, and **114.7910, 13.4140, -55.9447** is the 20% darker color. If you saturate the color by 10%, you get **164.0070, 15.7725, -65.7811**, and if you desaturate by 10%, it is **175.9670, 9.8763, -41.1901**.

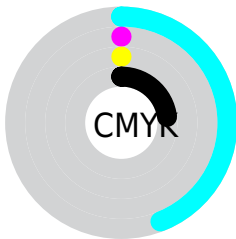
Distribution



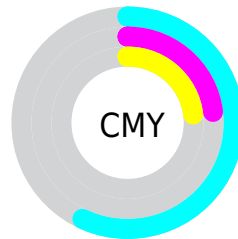
- Red (43%)
- Green (77%)
- Blue (77%)



- Red (43%)
- Yellow (60%)
- Blue (77%)



- Cyan (44%)
- Magenta (0%)
- Yellow (0%)
- Black (23%)



- Cyan (57%)
- Magenta (23%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 169.9870, 12.8244, -53.4856 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 169.9870, 12.8244, -53.4856 by changing the saturation by 10% instead.

■ 169.9870, 12.8244,
-53.4856

■ 169.9870, 12.8244,
-53.4856

255.0000, 0.0000,
0.0000

■ 142.6880, 12.9718,
-54.1004

■ 226.9870, 12.8244,
-53.4856

■ 114.7910, 13.4140,
-55.9447

■ 236.7610, 8.9918,
-37.5014

■ 83.8220, 16.3568,
-66.4959

■ 245.4320, 4.7170,
-19.6729

■ 63.9050, 13.8508,
-56.0447

254.4020, 0.2948,
-1.2296

■ 47.1950, 10.7499,
-41.3900

■ 31.1860, 7.7963,
-27.3501

■ 16.4650, 4.7008,

-14.4398

■ 0.0000, 0.0000,
0.0000

■ 169.9870, 12.8244,
-53.4856

■ 169.9870, 12.8244,
-53.4856

■ 164.0070, 15.7725,
-65.7811

■ 175.9670, 9.8763,
-41.1901

■ 158.3260, 18.5733,
-77.4619

■ 181.6480, 7.0755,
-29.5093

■ 152.3460, 21.5214,
-89.7574

■ 187.6280, 4.1274,
-17.2138

■ 146.6650, 24.3222,
-101.4382

■ 193.3090, 1.3267,
-5.5330

■ 140.6850, 27.2703,
-113.7337

■ 199.2890, -1.6215,
6.7625

■ 137.3960, 28.8918,
-120.4963

■ 205.2690, -4.5696,
19.0581

■ 210.9500, -7.3703,
30.7389

■ 213.6410, -8.6970,
36.2718

Harmonies

Analogous

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



172.4160, -1.1911, -38.0758



169.9870, 12.8244, -53.4856



171.3320, 23.0073, -52.9112

Triad

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



169.9870, 12.8244, -53.4856



185.9970, 14.7915, 15.7886



181.8510, -24.0835, 24.6867

Complementary

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



169.9870, 12.8244, -53.4856



135.0130, -12.8244, 53.4856

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.



183.7200, -18.5960, 37.9566



169.9870, 12.8244, -53.4856



186.2460, 3.8227, 33.9873

Square

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



169.9870, 12.8244, -53.4856



182.4220, 23.4560, -10.0171



185.0870, -8.4239, 42.0197



179.1860, -22.2767, 5.0989

Rectangle

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



169.9870, 12.8244, -53.4856



175.1960, 26.0324, -43.1449



185.0870, -8.4239, 42.0197



182.5250, -22.9368, 30.2346

Sweetspot

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



169.9870, 12.8244, -53.4856



245.1330, 4.8644, -20.2876



160.0690, -25.1770, -44.7875



121.7210, 3.0955, -12.9103



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.



169.9870, 12.8244, -53.4856



214.6350, 19.8999, -82.9949



144.7460, 25.2682, -31.3492



94.0100, 1.4741, -6.1478



112.8610, 23.7325, -98.9791



23.1330, 4.8644, -20.2876

Inverse Universe

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



144.9310, 25.1770, 44.7875



175.7550, 39.0678, 69.4979



160.8410, -25.5576, 30.8344



91.1300, 2.8939, 5.1480



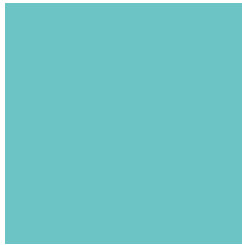
66.4930, 46.5920, 82.8826



13.6290, 9.5499, 16.9884

Previews

White Background



This preview shows how the YUV color 169.9870, 12.8244, -53.4856 looks on a white background.

Color Contrast Check

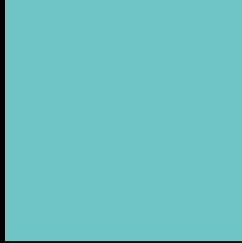
Large Text (above 18pt) WCAG AA × Fail

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 169.9870, 12.8244, -53.4856 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

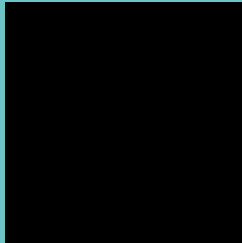
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 169.9870, 12.8244, -53.4856

Background



This preview shows how black text looks on a background with the YUV color 169.9870, 12.8244, -53.4856.



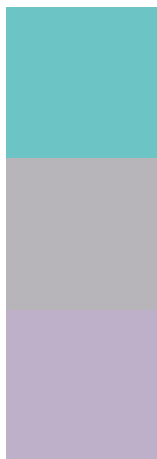
This preview shows how white text looks on a background with the YUV color 169.9870, 12.8244, -53.4856.

-53.4856.

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

169.9870, 12.8244, -53.4856

Protanopia

181.5810, 2.1786, 1.2445

Deuteranopia

182.9220, 8.4195, 6.2074



Tritanopia

171.6050, 18.9287, -51.3966

Trichromacy



Original Color

169.9870, 12.8244, -53.4856

Protanomaly

177.4860, 6.1694, -18.8432

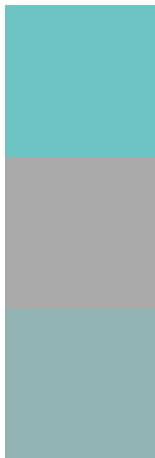
Deuteranomaly

178.2460, 10.2317, -15.1247

Tritanomaly

171.3230, 16.6028, -52.0263

Monochromacy



Original Color

169.9870, 12.8244, -53.4856

Achromatopsia

170.0000, 0.0000, 0.0000

Achromatomaly

169.7310, 4.5696, -19.0581

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.9870, 12.8244, -53.4856 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(109, 196, 196)` looks like.

```
.text, #text, p{  
    color:rgb(109, 196, 196)  
}
```

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(109, 196, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 196, 196) }
```

Border

The CSS property to change the border of an element to YUV 169.9870, 12.8244, -53.4856 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(109, 196, 196) }
```


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

```
.border{ border-color:rgb(109, 196, 196) }
```

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

Here you see how a box with a 4 pixel rgb(109, 196, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 196, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 196, 196);  
box-shadow:4px 4px 4px 4px rgb(109, 196,  
196) }
```

Background

The CSS property to change the background color of an element to YUV 169.9870, 12.8244, -53.4856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 196, 196) }
```

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

```
.background{ background-color: rgb(109,  
196, 196) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor