

Converting Colors

YUV(169.4480, 13.5831,
-63.5369)

Have a look what the booklet for
YUV(169.4480, 13.5831, -63.5369)
contains.

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Color

**YUV(169.4480, 13.5831,
-63.5369)**

Conversions

Conversions Part 1

Format	Color
Hex	61C9C5
RGB	97, 201, 197
RGB Percent	38%, 79%, 77%
CMY	0.6196, 0.2118, 0.2275
CMYK	0.52, 0.00, 0.02, 0.21
HSL	178°, 49%, 58%
HSV	178°, 52%, 79%
XYZ	35.8945, 48.3459, 60.2632
YIQ	169.4480, -60.7000, -23.2920

Conversions

Conversions Part 2

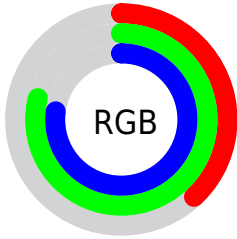
Format	Color
RYB	97, 150, 201
Decimal	6408645
CIELab	75.04, -31.02, -7.24
CIELCh	75, 31.849, 193.136
Yxy	48.3459, 0.2484, 0.3346
Android (android.graphics.Color)	4284598725 (0xFF61C9C5)
YUV	169.4480, 13.5831, -63.5369
Hunter-Lab	69.5312, -29.5317, -2.7152

Details

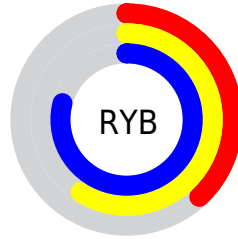
The YUV color **169.4480, 13.5831, -63.5369** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **128.5520, -13.5831, 63.5369**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.9860, 14.3039, -61.3777**, and **111.2620, 15.6468, -72.1438** is the 20% darker color. If you saturate the color by 10%, you get **163.3540, 16.0945, -75.7325**, and if you desaturate by 10%, it is **175.5420, 11.0718, -51.3413**.

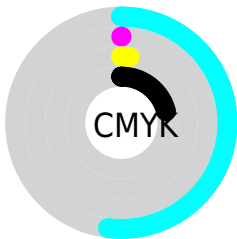
Distribution



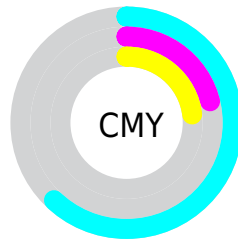
- Red (38%)
- Green (79%)
- Blue (77%)



- Red (38%)
- Yellow (59%)
- Blue (79%)



- Cyan (52%)
- Magenta (0%)
- Yellow (2%)
- Black (21%)



- Cyan (62%)
- Magenta (21%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 169.4480, 13.5831, -63.5369 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 169.4480, 13.5831, -63.5369 by changing the saturation by 10% instead.

■ 169.4480, 13.5831,
-63.5369

■ 169.4480, 13.5831,
-63.5369

255.0000, 0.0000,
0.0000

■ 140.6650, 14.4622,
-65.4812

■ 224.9860, 14.3039,
-61.3777

■ 111.2620, 15.6468,
-72.1438

■ 233.7710, 10.4659,
-43.6492

■ 83.8920, 16.8152,
-73.5733

■ 242.7410, 6.0437,
-25.2059

■ 66.3670, 13.1301,
-58.2039

■ 251.7110, 1.6215,
-6.7625

■ 49.6570, 10.0291,
-43.5492

■ 33.5340, 6.6387,
-29.4093

■ 18.9270, 3.9800,

-16.5990

■ 0.0000, 0.0000,
0.0000

■ 169.4480, 13.5831,
-63.5369

■ 169.4480, 13.5831,
-63.5369

■ 163.3540, 16.0945,
-75.7325

■ 175.5420, 11.0718,
-51.3413

■ 157.2600, 18.6058,
-87.9280

■ 181.6360, 8.5605,
-39.1458

■ 151.2800, 21.5540,
-100.2236

■ 187.6160, 5.6123,
-26.8502

■ 145.1860, 24.0653,
-112.4191

■ 193.7100, 3.1010,
-14.6547

■ 139.9890, 26.1344,
-122.7704

■ 200.1030, 0.4422,
-1.8443

■ 206.1970, -2.0691,
10.3512

■ 212.1770, -5.0173,
22.6468

■ 217.3740, -7.0864,
32.9980

■ 217.4880, -6.6496,
32.8980

Harmonies

Analogous

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



173.8130, -3.3588, -42.8090



169.4480, 13.5831, -63.5369



170.1560, 26.5451, -67.6658

Triad

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



169.4480, 13.5831, -63.5369



188.8380, 19.3069, 14.1741



184.3850, -27.3048, 31.2344

Complementary

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



169.4480, 13.5831, -63.5369



128.5520, -13.5831, 63.5369

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.



186.4220, -19.9280, 45.2339



169.4480, 13.5831, -63.5369



189.3650, 6.7221, 37.3909

Square

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



169.4480, 13.5831, -63.5369



184.6430, 28.2770, -16.3499



188.0600, -7.4246, 48.1824



181.6550, -26.9449, 9.0726

Rectangle

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



169.4480, 13.5831, -63.5369



174.2590, 30.4383, -56.3551



188.0600, -7.4246, 48.1824



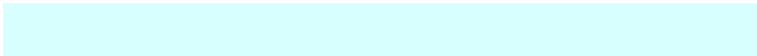
185.1730, -25.7213, 36.6823

Sweetspot

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



169.4480, 13.5831, -63.5369



242.5130, 5.1701, -25.0059



159.5430, -30.8337, -50.4652



120.4110, 3.2484, -15.2694



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.



169.4480, 13.5831, -63.5369



207.0740, 20.6695, -96.5349



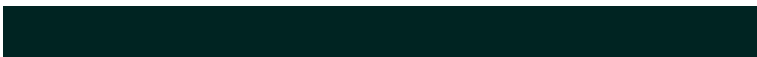
142.3150, 28.9317, -39.7413



96.3090, 1.3267, -5.5330



113.5790, 21.4066, -99.6088



25.0080, 4.4331, -21.9320

Inverse Universe

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



128.5520, -13.5831, 63.5369



144.9260, -20.6695, 96.5349



155.6850, -28.9317, 39.7413



92.6910, -1.3267, 5.5330



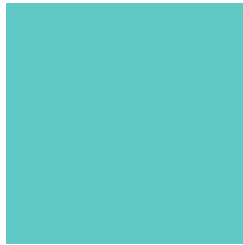
49.4210, -21.4066, 99.6088



10.8780, -4.8699, 22.0320

Previews

White Background



This preview shows how the YUV color 169.4480, 13.5831, -63.5369 looks on a white background.

Color Contrast Check

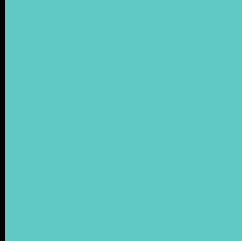
Large Text (above 18pt) WCAG AA × Fail

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 169.4480, 13.5831, -63.5369 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

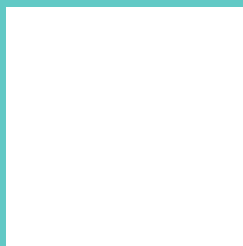
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 169.4480, 13.5831, -63.5369

Background



This preview shows how black text looks on a background with the YUV color 169.4480, 13.5831, -63.5369.



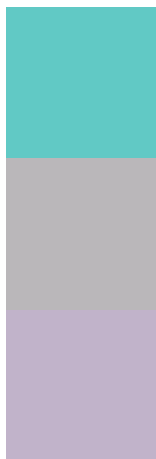
This preview shows how white text looks on a background with the YUV color 169.4480, 13.5831, -63.5369.

-63.5369.

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

169.4480, 13.5831, -63.5369

Protanopia

184.2390, 0.8682, 1.5444

Deuteranopia

185.8080, 7.9827, 6.3074



Tritanopia

171.4190, 20.9924, -60.0035

Trichromacy



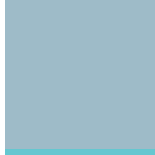
Original Color

169.4480, 13.5831, -63.5369



Protanomaly

179.2360, 5.3067, -22.1320



Deuteranomaly

179.8110, 9.9532, -19.1282



Tritanomaly

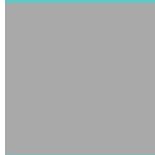
170.7240, 18.3771, -61.1479

Monochromacy



Original Color

169.4480, 13.5831, -63.5369



Achromatopsia

169.0000, 0.0000, 0.0000



Achromatomaly

169.4100, 4.7279, -23.1616

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.4480, 13.5831, -63.5369 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(97, 201, 197)` looks like.

```
.text, #text, p{  
    color:rgb(97, 201, 197)  
}
```

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(97, 201, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 201, 197) }
```

Border

The CSS property to change the border of an element to YUV 169.4480, 13.5831, -63.5369 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(97, 201, 197) }
```


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

```
.border{ border-color:rgb(97, 201, 197) }
```

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

Here you see how a box with a 4 pixel rgb(97, 201, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 201, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 201, 197);  
box-shadow:4px 4px 4px 4px rgb(97, 201,  
197) }
```

Background

The CSS property to change the background color of an element to YUV 169.4480, 13.5831, -63.5369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 201, 197) }
```

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

```
.background{ background-color: rgb(97, 201,  
197) }
```

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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