

Converting Colors

YUV(170.2130, -0.1050,
-59.8228)

Have a look what the booklet for
YUV(170.2130, -0.1050, -59.8228)
contains.

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Color

**YUV(170.2130, -0.1050,
-59.8228)**

Conversions

Conversions Part 1

Format	Color
Hex	66CDAA
RGB	102, 205, 170
RGB Percent	40%, 80%, 67%
CMY	0.6000, 0.1961, 0.3333
CMYK	0.50, 0.00, 0.17, 0.20
HSL	160°, 51%, 60%
HSV	160°, 50%, 80%
XYZ	34.5665, 49.3897, 45.7415
YIQ	170.2130, -50.1530, -32.7210

Conversions

Conversions Part 2

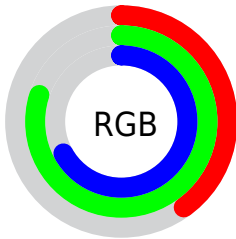
Format	Color
RYB	102, 164, 205
Decimal	6737322
CIELab	75.69, -38.33, 8.30
CIElCh	76, 39.221, 167.779
Yxy	49.3897, 0.2665, 0.3808
Android (android.graphics.Color)	4284927402 (0xFF66CDAA)
YUV	170.2130, -0.1050, -59.8228
Hunter-Lab	70.2778, -35.1900, 10.6045

Details

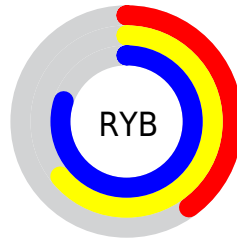
The YUV color **170.2130, -0.1050, -59.8228** is a light color, and the websafe version is hex **66CC99**, and the color name is **mediumaquamarine**. A complement of this color would be **136.7870, 0.1050, 59.8228**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.8760, 1.0471, -56.0193**, and **113.7610, 2.0898, -63.8114** is the 20% darker color. If you saturate the color by 10%, you get **163.4350, -0.2145, -71.4185**, and if you desaturate by 10%, it is **177.2900, -0.1430, -47.6123**.

Distribution



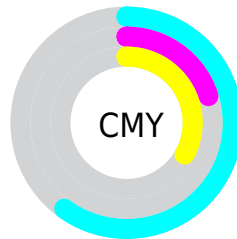
- Red (40%)
- Green (80%)
- Blue (67%)



- Red (40%)
- Yellow (64%)
- Blue (80%)



- Cyan (50%)
- Magenta (0%)
- Yellow (17%)
- Black (20%)



- Cyan (60%)
- Magenta (20%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.2130, -0.1050, -59.8228 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 170.2130, -0.1050, -59.8228 by changing the saturation by 10% instead.

■ 170.2130, -0.1050,
-59.8228

■ 170.2130, -0.1050,
-59.8228

255.0000, 0.0000,
0.0000

■ 142.1420, 0.9160,
-60.6375

■ 222.8760, 1.0471,
-56.0193

■ 113.7610, 2.0898,
-63.8114

■ 234.8530, 9.4395,
-41.0901

■ 83.3900, 4.7377,
-73.1330

■ 243.6380, 5.6015,
-23.3615

■ 65.5060, 2.2155,
-57.4488

■ 252.6080, 1.1793,
-4.9182

■ 48.7960, -0.8854,
-42.7941

■ 32.3140, -3.1128,
-28.3394

■ 16.4360, -8.1029,

-14.4144

■ 0.0000, 0.0000,
0.0000

■ 170.2130, -0.1050,
-59.8228

■ 170.2130, -0.1050,
-59.8228

■ 163.4350, -0.2145,
-71.4185

■ 177.2900, -0.1430,
-47.6123

■ 156.3580, -0.1765,
-83.6290

■ 184.0680, -0.0335,
-36.0166

■ 149.2810, -0.1385,
-95.8394

■ 191.1450, -0.0715,
-23.8062

■ 142.5030, -0.2480,
-107.4351

■ 197.9230, 0.0380,
-12.2105

■ 135.7250, -0.3574,
-119.0308

■ 205.0000, 0.0000,
0.0000

■ 211.7780, 0.1094,
11.5957

■ 218.8550, 0.0715,
23.8062

■ 222.3440, 1.8024,
28.6393

■ 223.1420, 4.8600,
27.9395

Harmonies

Analogous

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



177.2700, -19.8531, -25.6698



170.2130, -0.1050, -59.8228



160.6660, 22.8427, -93.5461

Triad

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



170.2130, -0.1050, -59.8228



187.0220, 33.5132, -15.8053



187.4570, -26.3543, 53.0962

Complementary

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



170.2130, -0.1050, -59.8228



136.7870, 0.1050, 59.8228

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.



188.5020, -11.0935, 58.3187



170.2130, -0.1050, -59.8228



190.8760, 21.7531, 22.9107

Square

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



170.2130, -0.1050, -59.8228



175.5390, 39.1743, -58.3547



191.2140, 5.8105, 49.8013



185.2730, -34.1516, 33.9636

Rectangle

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



170.2130, -0.1050, -59.8228



157.9280, 35.5315, -103.4229



191.2140, 5.8105, 49.8013



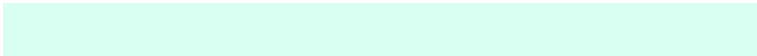
188.3310, -21.8552, 56.7147

Sweetspot

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



170.2130, -0.1050, -59.8228



242.1560, -0.0769, -22.0618



173.2250, -35.1139, -30.8923



120.2110, -0.1040, -13.3400



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.



170.2130, -0.1050, -59.8228



203.3250, -0.1602, -88.8620



165.3980, 19.5238, -55.6000



98.6680, 0.1637, -5.8478



109.8680, -0.4279, -96.3542



25.1560, -0.0769, -22.0618

Inverse Universe

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



136.7870, 0.1050, 59.8228



153.6750, 0.1602, 88.8620



141.6020, -19.5238, 55.6000



95.3320, -0.1637, 5.8478



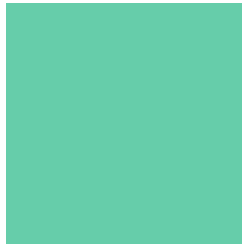
56.0180, -0.0089, 96.4542



12.8440, 0.0769, 22.0618

Previews

White Background



This preview shows how the YUV color 170.2130, -0.1050, -59.8228 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 170.2130, -0.1050, -59.8228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

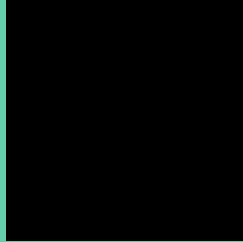
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 170.2130, -0.1050, -59.8228

Background



This preview shows how black text looks on a background with the YUV color 170.2130, -0.1050, -59.8228.



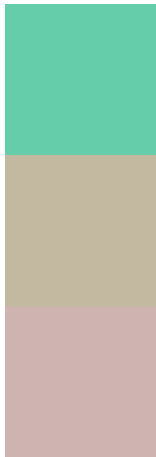
This preview shows how white text looks on a background with the YUV color 170.2130, -0.1050,

-59.8228.

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

170.2130, -0.1050, -59.8228

Protanopia

185.1400, -12.3940, 8.6472

Deuteranopia

187.0300, -5.4378, 17.5137



Tritanopia

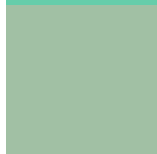
175.7080, 19.3710, -53.2409

Trichromacy



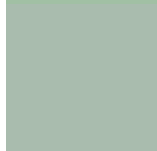
Original Color

170.2130, -0.1050, -59.8228



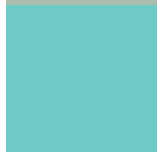
Protanomaly

179.5390, -7.6607, -16.2587



Deuteranomaly

180.7230, -3.3144, -10.2811



Tritanomaly

173.5630, 12.5404, -55.7448

Monochromacy



Original Color

170.2130, -0.1050, -59.8228



Achromatopsia

170.0000, 0.0000, 0.0000



Achromatomaly

170.1560, -0.0769, -22.0618

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.2130, -0.1050, -59.8228 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(102, 205, 170)` looks like.

```
.text, #text, p{  
    color:rgb(102, 205, 170)  
}
```

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(102, 205, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 205, 170) }
```

Border

The CSS property to change the border of an element to YUV 170.2130, -0.1050, -59.8228 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(102, 205, 170) }
```


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

```
.border{ border-color:rgb(102, 205, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 205, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 205, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 205, 170);  
box-shadow:4px 4px 4px 4px rgb(102, 205,  
170) }
```

Background

The CSS property to change the background color of an element to YUV 170.2130, -0.1050, -59.8228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 205, 170) }
```

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

```
.background{ background-color: rgb(102,  
205, 170) }
```

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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