

Converting Colors

YUV(170.9690, -3.4357,
-64.8708)

Have a look what the booklet for
YUV(170.9690, -3.4357, -64.8708)
contains.

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Color

**YUV(170.9690, -3.4357,
-64.8708)**

Conversions

Conversions Part 1

Format	Color
Hex	61D2A4
RGB	97, 210, 164
RGB Percent	38%, 82%, 64%
CMY	0.6196, 0.1765, 0.3569
CMYK	0.54, 0.00, 0.22, 0.18
HSL	156°, 56%, 60%
HSV	156°, 54%, 82%
XYZ	34.6772, 51.3149, 43.1990
YIQ	170.9690, -52.5820, -38.2620

Conversions

Conversions Part 2

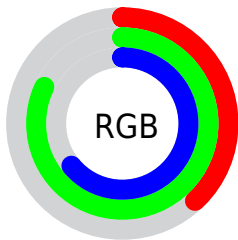
Format	Color
RYB	97, 168, 210
Decimal	6410916
CIELab	76.87, -43.02, 13.16
CIELCh	77, 44.989, 162.993
Yxy	51.3149, 0.2684, 0.3972
Android (android.graphics.Color)	4284600996 (0xFF61D2A4)
YUV	170.9690, -3.4357, -64.8708
Hunter-Lab	71.6344, -38.9510, 14.3893

Details

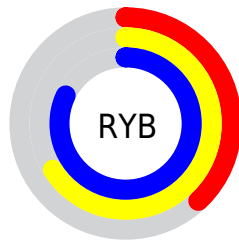
The YUV color **170.9690, -3.4357, -64.8708** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **136.0310, 3.4357, 64.8708**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.9960, -0.9840, -57.8785**, and **112.7230, -0.3564, -72.5481** is the 20% darker color. If you saturate the color by 10%, you get **163.6640, -4.2714, -76.8813**, and if you desaturate by 10%, it is **178.2740, -2.6001, -52.8603**.

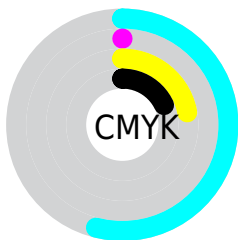
Distribution



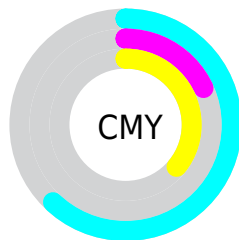
- Red (38%)
- Green (82%)
- Blue (64%)



- Red (38%)
- Yellow (66%)
- Blue (82%)



- Cyan (54%)
- Magenta (0%)
- Yellow (22%)
- Black (18%)



- Cyan (62%)
- Magenta (18%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.9690, -3.4357, -64.8708 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 170.9690, -3.4357, -64.8708 by changing the saturation by 10% instead.

■ 170.9690, -3.4357,
-64.8708

■ 170.9690, -3.4357,
-64.8708

255.0000, 0.0000,
0.0000

■ 142.5990, -2.2673,
-66.3003

■ 220.9960, -0.9840,
-57.8785

■ 112.7230, -0.3564,
-72.5481

■ 232.9730, 7.4083,
-42.9493

■ 85.1680, 1.3962,
-74.6923

■ 242.4420, 6.1911,
-25.8206

■ 67.1700, -1.5628,
-58.9081

■ 251.4120, 1.7689,
-7.3773

■ 49.9870, -3.9376,
-43.8386

■ 33.5050, -6.1650,
-29.3839

■ 18.7840, -9.2605,

-16.4736

■ 0.0000, 0.0000,
0.0000

■ 170.9690, -3.4357,
-64.8708

■ 170.9690, -3.4357,
-64.8708

■ 163.6640, -4.2714,
-76.8813

■ 178.2740, -2.6001,
-52.8603

■ 156.4730, -4.6702,
-88.9918

■ 185.4650, -2.2012,
-40.7498

■ 149.1680, -5.5058,
-101.0023

■ 192.7700, -1.3656,
-28.7393

■ 141.9770, -5.9047,
-113.1128

■ 199.9610, -0.9668,
-16.6288

■ 137.5200, -6.1724,
-120.6050

■ 207.2660, -0.1311,
-4.6183

■ 214.4570, 0.2677,
7.4922

■ 221.7620, 1.1033,
19.5027

■ 225.9630, 2.9762,
25.4654

■ 226.9890, 6.9074,
24.5656

Harmonies

Analogous

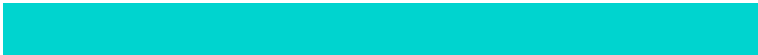
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



179.6740, -25.9683, -24.2701



170.9690, -3.4357, -64.8708



148.0420, 29.0663, -129.8328

Triad

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



170.9690, -3.4357, -64.8708



186.3690, 33.8351, -25.7566



188.4900, -26.3706, 58.3293

Complementary

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



170.9690, -3.4357, -64.8708



136.0310, 3.4357, 64.8708

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.



188.1260, -7.4571, 58.6485



170.9690, -3.4357, -64.8708



194.4610, 27.8737, 19.7667

Square

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



170.9690, -3.4357, -64.8708



169.7810, 42.0130, -82.2459



194.6750, 10.0202, 52.9050



188.4760, -38.6887, 42.5555

Rectangle

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



170.9690, -3.4357, -64.8708



149.9460, 41.4386, -131.5026



194.6750, 10.0202, 52.9050



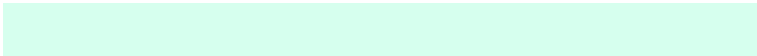
187.5100, -19.9714, 59.1887

Sweetspot

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



170.9690, -3.4357, -64.8708



240.8030, -1.3819, -23.5062



177.3840, -39.6293, -29.2778



119.3850, -0.6828, -14.3696



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.



170.9690, -3.4357, -64.8708



197.7280, -4.7959, -95.3545



170.9300, 19.2615, -64.8366



101.1410, -0.5625, -6.2627



110.0160, -4.9379, -96.4840



26.8030, -1.3819, -23.5062

Inverse Universe

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



136.0310, 3.4357, 64.8708



146.3860, 5.2327, 95.2545



136.0700, -19.2615, 64.8366



97.7450, 0.1257, 6.3626



58.0980, 5.3747, 96.3841



14.1970, 1.3819, 23.5062

Previews

White Background



This preview shows how the YUV color 170.9690, -3.4357, -64.8708 looks on a white background.

Color Contrast Check

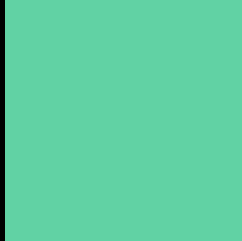
Large Text (above 18pt) WCAG AA × Fail

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 170.9690, -3.4357, -64.8708 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

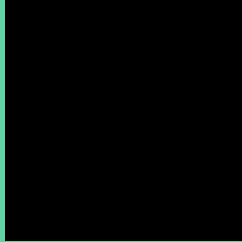
Any Text WCAG AA ✓ Pass

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 170.9690, -3.4357, -64.8708 Background



This preview shows how black text looks on a background with the YUV color 170.9690, -3.4357, -64.8708.



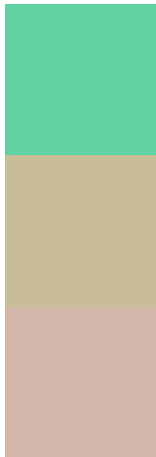
This preview shows how white text looks on a background with the YUV color 170.9690, -3.4357,

-64.8708.

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

170.9690, -3.4357, -64.8708

Protanopia

187.5980, -17.0568, 10.8766

Deuteranopia

189.9010, -9.8112, 20.2578



Tritanopia

178.2130, 20.1080, -56.3148

Trichromacy



Original Color

170.9690, -3.4357, -64.8708



Protanomaly

181.6870, -12.1707, -16.3885



Deuteranomaly

182.9850, -7.3876, -10.5108



Tritanomaly

175.9000, 11.3883, -59.5483

Monochromacy



Original Color

170.9690, -3.4357, -64.8708



Achromatopsia

171.0000, 0.0000, 0.0000



Achromatomaly

170.8030, -1.3819, -23.5062

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.9690, -3.4357, -64.8708 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, 210, 164)` looks like.

```
.text, #text, p{  
    color:rgb(97, 210, 164)  
}
```

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, 210, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 210, 164) }
```

Border

The CSS property to change the border of an element to YUV 170.9690, -3.4357, -64.8708 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, 210, 164) }
```


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

```
.border{ border-color:rgb(97, 210, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 210, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 210, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 210, 164);  
box-shadow:4px 4px 4px 4px rgb(97, 210,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 170.9690, -3.4357, -64.8708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 210, 164) }
```

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

```
.background{ background-color: rgb(97, 210,  
164) }
```

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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