

Converting Colors

YUV(174.9740, -0.9732,
-61.3672)

Have a look what the booklet for
YUV(174.9740, -0.9732, -61.3672)
contains.

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Color

**YUV(174.9740, -0.9732,
-61.3672)**

Conversions

Conversions Part 1

Format	Color
Hex	69D3AD
RGB	105, 211, 173
RGB Percent	41%, 83%, 68%
CMY	0.5882, 0.1725, 0.3216
CMYK	0.50, 0.00, 0.18, 0.17
HSL	158°, 55%, 62%
HSV	158°, 50%, 83%
XYZ	36.6628, 52.6089, 47.7574
YIQ	174.9740, -50.9780, -34.2900

Conversions

Conversions Part 2

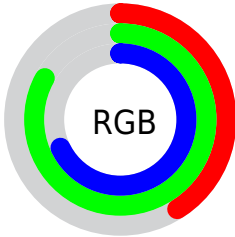
Format	Color
RYB	105, 170, 211
Decimal	6935469
CIELab	77.64, -39.67, 9.50
CIELCh	78, 40.787, 166.536
Yxy	52.6089, 0.2676, 0.3839
Android (android.graphics.Color)	4285125549 (0xFF69D3AD)
YUV	174.9740, -0.9732, -61.3672
Hunter-Lab	72.5320, -36.7045, 11.7340

Details

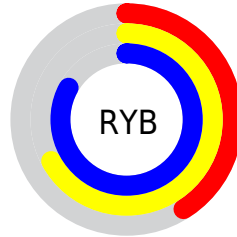
The YUV color **174.9740, -0.9732, -61.3672** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **141.0260, 0.9732, 61.3672**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.1150, 1.9153, -54.4749**, and **118.5220, 1.2217, -65.3558** is the 20% darker color. If you saturate the color by 10%, you get **167.7830, -1.3720, -73.4777**, and if you desaturate by 10%, it is **182.1650, -0.5743, -49.2567**.

Distribution



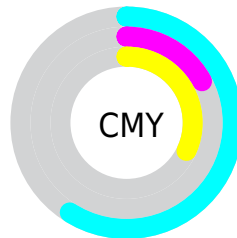
- Red (41%)
- Green (83%)
- Blue (68%)



- Red (41%)
- Yellow (67%)
- Blue (83%)



- Cyan (50%)
- Magenta (0%)
- Yellow (18%)
- Black (17%)



- Cyan (59%)
- Magenta (17%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.9740, -0.9732, -61.3672 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 174.9740, -0.9732, -61.3672 by changing the saturation by 10% instead.

■ 174.9740, -0.9732,
-61.3672

■ 174.9740, -0.9732,
-61.3672

255.0000, 0.0000,
0.0000

■ 146.7890, -0.3890,
-62.0820

■ 224.1150, 1.9153,
-54.4749

■ 118.5220, 1.2217,
-65.3558

■ 235.8640, 9.4340,
-39.3457

■ 86.6670, 4.6012,
-76.0070

■ 244.8340, 5.0118,
-20.9024

■ 68.6690, 1.6422,
-60.2227

■ 253.5050, 0.7370,
-3.0739

■ 52.0730, -1.0220,
-45.6680

■ 35.4770, -3.6862,
-31.1133

■ 20.3000, -8.5289,

-17.8031

■ 0.0000, 0.0000,
0.0000

■ 174.9740, -0.9732,
-61.3672

■ 174.9740, -0.9732,
-61.3672

■ 167.7830, -1.3720,
-73.4777

■ 182.1650, -0.5743,
-49.2567

■ 160.7060, -1.3341,
-85.6882

■ 189.2420, -0.6123,
-37.0462

■ 153.5150, -1.7329,
-97.7987

■ 196.4330, -0.2135,
-24.9357

■ 146.4380, -1.6949,
-110.0091

■ 203.5100, -0.2514,
-12.7253

■ 139.2470, -2.0938,
-122.1196

■ 211.0000, 0.0000,
0.0000

■ 218.0770, -0.0380,
12.2105

■ 225.2680, 0.3609,
24.3210

■ 226.7780, 3.5604,
24.7507

■ 227.5760, 6.6180,
24.0508

Harmonies

Analogous

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



182.5150, -21.4529, -25.8847



174.9740, -0.9732, -61.3672



163.8610, 23.7325, -98.9791

Triad

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



174.9740, -0.9732, -61.3672



190.5550, 31.7714, -17.1497



192.4680, -26.3597, 54.8406

Complementary

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



174.9740, -0.9732, -61.3672



141.0260, 0.9732, 61.3672

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.



191.5340, -9.6303, 55.6597



174.9740, -0.9732, -61.3672



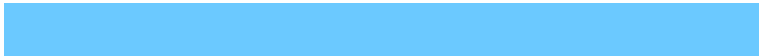
196.9190, 23.2109, 21.9960

Square

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



174.9740, -0.9732, -61.3672



179.0500, 37.4434, -63.1878



196.5670, 7.1155, 51.2457



190.8280, -35.9042, 36.1078

Rectangle

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



174.9740, -0.9732, -61.3672



159.4430, 37.7426, -112.6445



196.5670, 7.1155, 51.2457



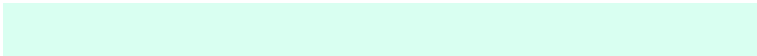
191.8470, -21.1236, 55.3852

Sweetspot

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



174.9740, -0.9732, -61.3672



242.0420, -0.5137, -21.9618



178.8830, -36.4243, -30.5924



120.0970, -0.5408, -13.2401



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.



174.9740, -0.9732, -61.3672



202.9830, -1.4706, -88.5621



171.0880, 19.6766, -57.9592



101.2550, -0.1257, -6.3626



110.9280, -1.4435, -97.2839



27.0310, -0.5083, -23.7062

Inverse Universe

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



141.0260, 0.9732, 61.3672



154.0170, 1.4706, 88.5621



144.9120, -19.6766, 57.9592



97.7450, 0.1257, 6.3626



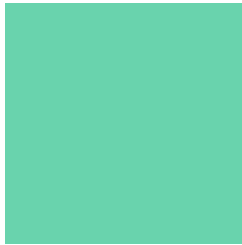
57.0720, 1.4435, 97.2839



13.9690, 0.5083, 23.7062

Previews

White Background



This preview shows how the YUV color 174.9740, -0.9732, -61.3672 looks on a white background.

Color Contrast Check

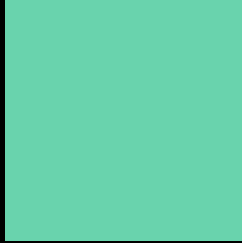
Large Text (above 18pt) WCAG AA × Fail

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 174.9740, -0.9732, -61.3672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

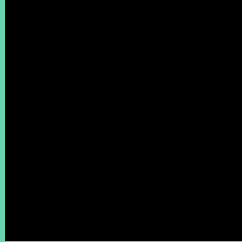
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 174.9740, -0.9732, -61.3672

Background



This preview shows how black text looks on a background with the YUV color 174.9740, -0.9732, -61.3672.



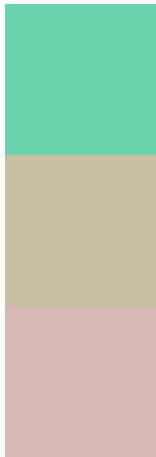
This preview shows how white text looks on a background with the YUV color 174.9740, -0.9732, -61.3672.

-61.3672.

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

174.9740, -0.9732, -61.3672

Protanopia

189.7980, -13.7044, 8.9472

Deuteranopia

192.1010, -6.4588, 18.3284



Tritanopia

180.5230, 19.9552, -53.9557

Trichromacy



Original Color

174.9740, -0.9732, -61.3672



Protanomaly

184.4850, -9.1131, -17.0883



Deuteranomaly

186.0820, -4.4774, -10.5959



Tritanomaly

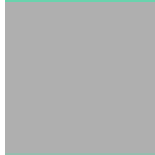
178.8510, 12.3985, -56.8743

Monochromacy



Original Color

174.9740, -0.9732, -61.3672



Achromatopsia

175.0000, 0.0000, 0.0000



Achromatomaly

175.0420, -0.5137, -21.9618

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.9740, -0.9732, -61.3672 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(105, 211, 173)` looks like.

```
.text, #text, p{  
    color:rgb(105, 211, 173)  
}
```

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(105, 211, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 211, 173) }
```

Border

The CSS property to change the border of an element to YUV 174.9740, -0.9732, -61.3672 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(105, 211, 173) }
```


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

```
.border{ border-color:rgb(105, 211, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 211, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 211, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 211, 173);  
box-shadow:4px 4px 4px 4px rgb(105, 211,  
173) }
```

Background

The CSS property to change the background color of an element to YUV 174.9740, -0.9732, -61.3672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 211, 173) }
```

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

```
.background{ background-color: rgb(105,  
211, 173) }
```

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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