

Converting Colors

YUV(174.6440, -3.7685,
-51.4308)

Have a look what the booklet for
YUV(174.6440, -3.7685, -51.4308)
contains.

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Color

**YUV(174.6440, -3.7685,
-51.4308)**

Conversions

Conversions Part 1

Format	Color
Hex	74CEA7
RGB	116, 206, 167
RGB Percent	45%, 81%, 65%
CMY	0.5451, 0.1922, 0.3451
CMYK	0.44, 0.00, 0.19, 0.19
HSL	154°, 48%, 63%
HSV	154°, 44%, 81%
XYZ	36.2488, 50.6456, 44.4243
YIQ	174.6440, -41.1210, -31.2090

Conversions

Conversions Part 2

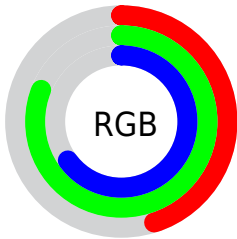
Format	Color
RYB	116, 173, 206
Decimal	7655079
CIELab	76.46, -35.96, 11.08
CIElCh	76, 37.626, 162.868
Yxy	50.6456, 0.2760, 0.3857
Android (android.graphics.Color)	4285845159 (0xFF74CEA7)
YUV	174.6440, -3.7685, -51.4308
Hunter-Lab	71.1657, -33.6197, 12.8050

Details

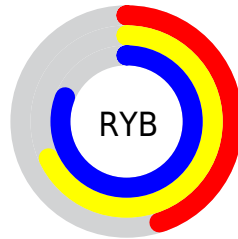
The YUV color **174.6440, -3.7685, -51.4308** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **147.3560, 3.7685, 51.4308**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.4210, -2.1796, -47.7272**, and **119.6870, -2.3107, -52.3455** is the 20% darker color. If you saturate the color by 10%, you get **167.3390, -4.6041, -63.4413**, and if you desaturate by 10%, it is **181.9490, -2.9329, -39.4203**.

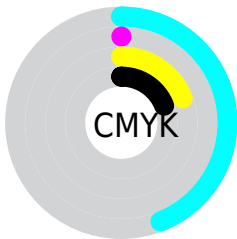
Distribution



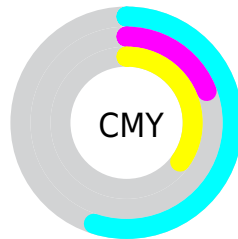
- Red (45%)
- Green (81%)
- Blue (65%)



- Red (45%)
- Yellow (68%)
- Blue (81%)



- Cyan (44%)
- Magenta (0%)
- Yellow (19%)
- Black (19%)




- Cyan (55%)
- Magenta (19%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.6440, -3.7685, -51.4308 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 174.6440, -3.7685, -51.4308 by changing the saturation by 10% instead.

 174.6440, -3.7685,
-51.4308

 174.6440, -3.7685,
-51.4308


255.0000, 0.0000,
0.0000

 146.8720, -2.8949,
-51.6307


 226.4210, -2.1796,
-47.7272


 119.6870, -2.3107,
-52.3455


 238.0990, 6.3602,
-33.4128

 92.0070, -0.9895,
-56.1341

 247.5250, 3.6852,
-15.3694

 65.7510, 0.6158,
-57.6636

 49.1550, -2.0484,
-43.1089

 32.6730, -4.2758,
-28.6542

 18.1970, -8.9711,

-15.9588

■ 0.0000, 0.0000,
0.0000

■ 174.6440, -3.7685,
-51.4308

■ 174.6440, -3.7685,
-51.4308

■ 167.3390, -4.6041,
-63.4413

■ 181.9490, -2.9329,
-39.4203

■ 160.3330, -5.5872,
-74.8370

■ 188.9550, -1.9498,
-28.0245

■ 153.0280, -6.4228,
-86.8476

■ 196.2600, -1.1142,
-16.0140

■ 146.0220, -7.4058,
-98.2433

■ 203.2660, -0.1311,
-4.6183

■ 138.7170, -8.2415,
-110.2538

■ 210.5710, 0.7045,
7.3922

■ 134.2600, -8.5092,
-117.7460

■ 217.8760, 1.5401,
19.4027

■ 223.2730, 2.8234,
27.8246

■ 224.2990, 6.7546,
26.9248

■ 225.3250, 10.6858,
26.0250

Harmonies

Analogous

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



180.2600, -21.3272, -19.5220



174.6440, -3.7685, -51.4308



167.3640, 17.5685, -81.8802

Triad

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



174.6440, -3.7685, -51.4308



187.8750, 33.0926, -20.9384



189.9670, -23.1547, 53.5259

Complementary

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



174.6440, -3.7685, -51.4308



147.3560, 3.7685, 51.4308

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.



191.2890, -8.0305, 55.8745



174.6440, -3.7685, -51.4308



192.8860, 23.2272, 16.7630

Square

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



174.6440, -3.7685, -51.4308



177.4740, 37.7273, -60.9287



193.1640, 8.3001, 44.5832



188.4520, -32.2678, 36.4376

Rectangle

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



174.6440, -3.7685, -51.4308



164.2130, 29.9680, -92.2718



193.1640, 8.3001, 44.5832



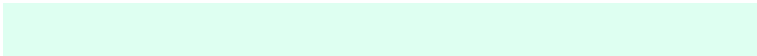
191.1290, -18.7976, 56.0149

Sweetspot

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



174.6440, -3.7685, -51.4308



243.5370, -1.2507, -18.8879



180.4910, -31.7941, -22.3556



120.6950, -0.8356, -12.0105



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.



174.6440, -3.7685, -51.4308



208.7350, -5.2924, -76.0666



175.5680, 15.0030, -52.2411



98.5540, -0.2731, -5.7479



108.1580, -6.9799, -94.8546



24.8140, -1.3873, -21.7619

Inverse Universe

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



147.3560, 3.7685, 51.4308



168.3790, 5.7292, 75.9666



146.4320, -15.0030, 52.2411



95.4460, 0.2731, 5.7479



57.8420, 6.9799, 94.8546



13.3000, 1.8241, 21.6619

Previews

White Background



This preview shows how the YUV color 174.6440, -3.7685, -51.4308 looks on a white background.

Color Contrast Check

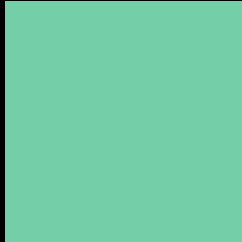
Large Text (above 18pt) WCAG AA × Fail

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 174.6440, -3.7685, -51.4308 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

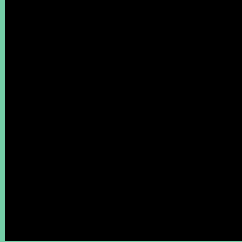
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 174.6440, -3.7685, -51.4308

Background



This preview shows how black text looks on a background with the YUV color 174.6440, -3.7685, -51.4308.



This preview shows how white text looks on a background with the YUV color 174.6440, -3.7685, -51.4308.

-51.4308.

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

174.6440, -3.7685, -51.4308

Protanopia

186.9830, -14.2886, 9.6619

Deuteranopia

188.9440, -8.3534, 19.3431



Tritanopia

179.5950, 17.4547, -45.2488

Trichromacy



Original Color

174.6440, -3.7685, -51.4308



Protanomaly

182.4640, -10.5818, -12.6849



Deuteranomaly

183.5340, -6.6723, -6.6073



Tritanomaly

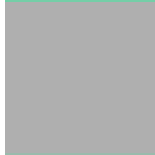
178.2220, 9.7506, -47.5527

Monochromacy



Original Color

174.6440, -3.7685, -51.4308



Achromatopsia

175.0000, 0.0000, 0.0000



Achromatomaly

174.8360, -1.3981, -18.2732

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.6440, -3.7685, -51.4308 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(116, 206, 167)` looks like.

```
.text, #text, p{  
    color:rgb(116, 206, 167)  
}
```

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(116, 206, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 206, 167) }
```

Border

The CSS property to change the border of an element to YUV 174.6440, -3.7685, -51.4308 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(116, 206, 167) }
```


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

```
.border{ border-color:rgb(116, 206, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 206, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 206, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 206, 167); box-shadow:4px 4px 4px 4px rgb(116, 206, 167) }
```

Background

The CSS property to change the background color of an element to YUV 174.6440, -3.7685, -51.4308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 206, 167) }
```

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

```
.background{ background-color: rgb(116,  
206, 167) }
```

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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