

Converting Colors

YUV(174.6860, -10.6912,
-24.2806)

Have a look what the booklet for
YUV(174.6860, -10.6912, -24.2806)
contains.

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Color

**YUV(174.6860, -10.6912,
-24.2806)**

Conversions

Conversions Part 1

Format	Color
Hex	93C199
RGB	147, 193, 153
RGB Percent	58%, 76%, 60%
CMY	0.4235, 0.2431, 0.4000
CMYK	0.24, 0.00, 0.21, 0.24
HSL	128°, 27%, 67%
HSV	128°, 24%, 76%
XYZ	36.8524, 46.6429, 37.1976
YIQ	174.6860, -14.5760, -22.1920

Conversions

Conversions Part 2

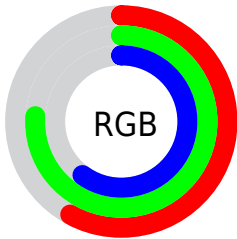
Format	Color
RYB	147, 188, 193
Decimal	9683353
CIELab	73.96, -23.17, 15.29
CIELCh	74, 27.757, 146.571
Yxy	46.6429, 0.3053, 0.3865
Android (android.graphics.Color)	4287873433 (0xFF93C199)
YUV	174.6860, -10.6912, -24.2806
Hunter-Lab	68.2956, -23.1985, 15.5142

Details

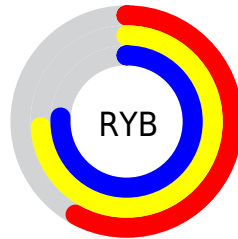
The YUV color **174.6860, -10.6912, -24.2806** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **165.3140, 10.6912, 24.2806**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.7460, -11.7068, -25.2102**, and **121.6260, -9.6756, -23.3510** is the 20% darker color. If you saturate the color by 10%, you get **167.0670, -15.3160, -34.2618**, and if you desaturate by 10%, it is **182.3050, -6.0664, -14.2995**.

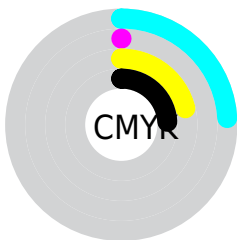
Distribution



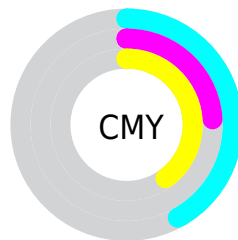
- Red (58%)
- Green (76%)
- Blue (60%)



- Red (58%)
- Yellow (74%)
- Blue (76%)



- Cyan (24%)
- Magenta (0%)
- Yellow (21%)
- Black (24%)



- Cyan (42%)
- Magenta (24%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.6860, -10.6912, -24.2806 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 174.6860, -10.6912, -24.2806 by changing the saturation by 10% instead.

■ 174.6860,
-10.6912, -24.2806

■ 174.6860,
-10.6912, -24.2806

255.0000, 0.0000,
0.0000

■ 148.0990,
-10.4018, -23.7658

■ 230.7460,
-11.7068, -25.2102

■ 121.6260, -9.6756,
-23.3510

■ 245.3590, -4.6140,
-13.4698

■ 97.0390, -9.3862,
-22.8362

■ 72.5660, -8.6600,
-22.4214

■ 48.7940, -7.7864,
-22.6213

■ 26.4950, -7.6390,
-23.2361

■ 12.9140, -6.3666,

-11.3256

■ 0.0000, 0.0000,
0.0000

■ 174.6860,
-10.6912, -24.2806

■ 174.6860,
-10.6912, -24.2806

■ 167.0670,
-15.3160, -34.2618

■ 182.3050, -6.0664,
-14.2995

■ 159.1490,
-19.7935, -44.8577

■ 190.2230, -1.5889,
-3.7036

■ 151.6440,
-23.9815, -54.9388

■ 197.7280, 2.5991,
6.3775

■ 144.0250,
-28.6063, -64.9199

■ 205.3470, 7.2239,
16.3587

■ 136.4060,
-33.2312, -74.9011

■ 213.2650, 11.7014,
26.9546

■ 128.4880,
-37.7086, -85.4970

■ 218.4920, 17.5054,
32.0175

■ 120.9830,
-41.8966, -95.5781

■ 218.6060, 17.9422,
31.9175

■ 116.1410,
-44.9325, -101.8557

Harmonies

Analogous

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



177.8970, -20.6552, -1.6637



174.6860, -10.6912, -24.2806



171.2240, 3.3406, -44.9234

Triad

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



174.6860, -10.6912, -24.2806



178.6970, 26.2784, -28.6753



184.7620, -12.2077, 42.3047

Complementary

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



174.6860, -10.6912, -24.2806



165.3140, 10.6912, 24.2806

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.



185.6550, 0.1701, 38.8906



174.6860, -10.6912, -24.2806



183.6080, 21.3923, -1.4102

Square

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



174.6860, -10.6912, -24.2806



172.6250, 25.3279, -50.5371



185.9440, 11.8596, 22.8511



183.0140, -21.2059, 35.0677

Rectangle

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



174.6860, -10.6912, -24.2806



169.5740, 12.5350, -54.0004



185.9440, 11.8596, 22.8511



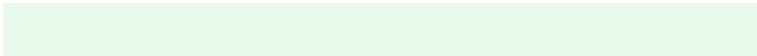
185.3860, -8.5713, 42.6345

Sweetspot

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



174.6860, -10.6912, -24.2806



242.9080, -3.8986, -9.5663



186.2610, -19.3557, 1.5251



120.9840, -2.4571, -5.2480



252.0000, 0.0000, 0.0000



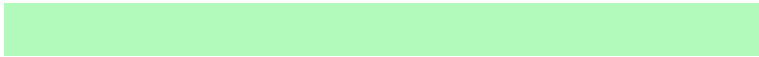
125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



174.6860, -10.6912, -24.2806



220.9910, -16.7576, -38.5801



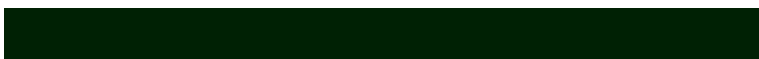
177.1940, -1.0816, -26.4801



92.9840, -2.4571, -5.2480



96.9010, -37.4192, -84.9822



19.8270, -7.8027, -17.3883

Inverse Universe

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



165.3140, 10.6912, 24.2806



206.0090, 16.7576, 38.5801



162.8060, 1.0816, 26.4801



91.0160, 2.4571, 5.2480



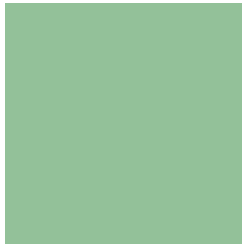
64.0990, 37.4192, 84.9822



13.1730, 7.8027, 17.3883

Previews

White Background



This preview shows how the YUV color 174.6860, -10.6912, -24.2806 looks on a white background.

Color Contrast Check

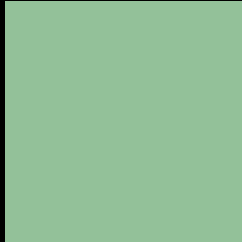
Large Text (above 18pt) WCAG AA × Fail

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 174.6860, -10.6912, -24.2806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

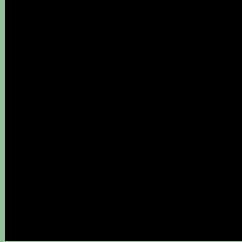
Any Text WCAG AA ✓ Pass

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 174.6860, -10.6912, -24.2806 Background



This preview shows how black text looks on a background with the YUV color 174.6860, -10.6912, -24.2806.



This preview shows how white text looks on a background with the YUV color 174.6860, -10.6912, -24.2806.

-24.2806.

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

174.6860, -10.6912, -24.2806

Protanopia

180.4130, -16.4726, 10.1618

Deuteranopia

181.9290, -12.2900, 21.9873



Tritanopia

178.7400, 10.9742, -19.9430

Trichromacy



Original Color

174.6860, -10.6912, -24.2806

Protanomaly

178.2050, -14.3981, -1.9338

Deuteranomaly

179.3460, -11.5096, 4.9586

Tritanomaly

177.6660, 3.1227, -21.6321

Monochromacy



Original Color

174.6860, -10.6912, -24.2806

Achromatopsia

175.0000, 0.0000, 0.0000

Achromatomaly

175.2070, -4.0461, -8.9515

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.6860, -10.6912, -24.2806 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(147, 193, 153)` looks like.

```
.text, #text, p{  
    color:rgb(147, 193, 153)  
}
```

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(147, 193, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 193, 153) }
```

Border

The CSS property to change the border of an element to YUV 174.6860, -10.6912, -24.2806 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(147, 193, 153) }
```


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

```
.border{ border-color:rgb(147, 193, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 193, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 193, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 193, 153);  
box-shadow:4px 4px 4px 4px rgb(147, 193,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 174.6860, -10.6912, -24.2806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 193, 153) }
```

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

```
.background{ background-color: rgb(147,  
193, 153) }
```

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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