

Converting Colors

YUV(174.8550, 3.0295,
-38.4608)

Have a look what the booklet for
YUV(174.8550, 3.0295, -38.4608)
contains.

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Color

**YUV(174.8550, 3.0295,
-38.4608)**

Conversions

Conversions Part 1

Format	Color
Hex	83C4B5
RGB	131, 196, 181
RGB Percent	51%, 77%, 71%
CMY	0.4863, 0.2314, 0.2902
CMYK	0.33, 0.00, 0.08, 0.23
HSL	166°, 36%, 64%
HSV	166°, 33%, 77%
XYZ	37.4405, 47.6413, 50.9384
YIQ	174.8550, -33.9250, -18.4450

Conversions

Conversions Part 2

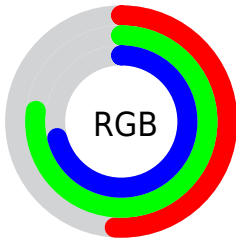
Format	Color
RYB	131, 168, 196
Decimal	8635573
CIELab	74.60, -23.98, 0.94
CIELCh	75, 24.002, 177.746
Yxy	47.6413, 0.2753, 0.3503
Android (android.graphics.Color)	4286825653 (0xFF83C4B5)
YUV	174.8550, 3.0295, -38.4608
Hunter-Lab	69.0227, -23.9647, 4.5602

Details

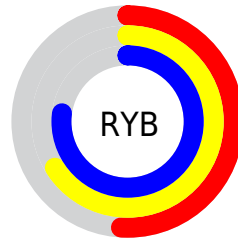
The YUV color **174.8550, 3.0295, -38.4608** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **152.1450, -3.0295, 38.4608**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.1430, 2.8875, -39.5904**, and **121.2680, 3.3189, -37.9460** is the 20% darker color. If you saturate the color by 10%, you get **168.3050, 3.7936, -50.2565**, and if you desaturate by 10%, it is **181.4050, 2.2653, -26.6652**.

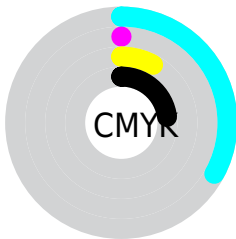
Distribution



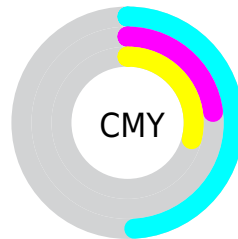
- Red (51%)
- Green (77%)
- Blue (71%)



- Red (51%)
- Yellow (66%)
- Blue (77%)



- Cyan (33%)
- Magenta (0%)
- Yellow (8%)
- Black (23%)



- Cyan (49%)
- Magenta (23%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.8550, 3.0295, -38.4608 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 174.8550, 3.0295, -38.4608 by changing the saturation by 10% instead.

■ 174.8550, 3.0295,
-38.4608

■ 174.8550, 3.0295,
-38.4608

255.0000, 0.0000,
0.0000

■ 147.8550, 3.0295,
-38.4608

■ 231.1430, 2.8875,
-39.5904

■ 121.2680, 3.3189,
-37.9460

■ 242.7410, 6.0437,
-25.2059

■ 95.3820, 3.7557,
-38.0460

■ 251.4120, 1.7689,
-7.3773

■ 69.5990, 4.6347,
-39.9903

■ 45.7130, 5.0715,
-40.0903

■ 30.4050, 2.2653,
-26.6652

■ 16.1570, -1.5564,

-14.1697

■ 0.0000, 0.0000,
0.0000

■ 174.8550, 3.0295,
-38.4608

■ 174.8550, 3.0295,
-38.4608

■ 168.3050, 3.7936,
-50.2565

■ 181.4050, 2.2653,
-26.6652

■ 162.1680, 4.8472,
-61.5373

■ 187.5420, 1.2118,
-15.3843

■ 155.6180, 5.6113,
-73.3330

■ 194.0920, 0.4476,
-3.5887

■ 149.4810, 6.6649,
-84.6138

■ 200.2290, -0.6059,
7.6922

■ 142.9310, 7.4290,
-96.4095

■ 206.7790, -1.3700,
19.4878

■ 136.4950, 8.6300,
-108.3051

■ 213.2150, -2.5710,
31.3834

■ 132.2660, 9.2359,
-115.9973

■ 215.5790, -1.2714,
34.5722

■ 216.0350, 0.4757,
34.1723

■ 216.6050, 2.6597,
33.6724

Harmonies

Analogous

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



177.7510, -9.2442, -21.7066



174.8550, 3.0295, -38.4608



174.3730, 14.1131, -46.8081

Triad

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



174.8550, 3.0295, -38.4608



185.1090, 18.1873, -0.0956



184.6760, -18.5743, 30.9791

Complementary

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



174.8550, 3.0295, -38.4608



152.1450, -3.0295, 38.4608

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.



186.3700, -11.0284, 37.3865



174.8550, 3.0295, -38.4608



187.6510, 9.5391, 20.4771

Square

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



174.8550, 3.0295, -38.4608



181.4050, 22.4783, -23.1572



187.3940, -0.6872, 33.8575



182.6050, -21.0043, 17.0094

Rectangle

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



174.8550, 3.0295, -38.4608



175.4640, 19.4912, -45.1339



187.3940, -0.6872, 33.8575



185.2680, -16.4011, 33.9680

Sweetspot

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



174.8550, 3.0295, -38.4608



246.8410, 1.0644, -14.7696



173.6400, -21.0215, -24.2403



122.7600, 0.6113, -9.4365



0.0000, 0.0000, 0.0000



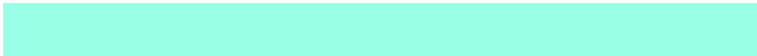
128.0000, 0.0000, 0.0000

Same Dimension

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



174.8550, 3.0295, -38.4608



221.7660, 4.5524, -60.3078



166.5860, 14.5011, -31.2089



93.7820, 0.6005, -5.9478



108.6430, 7.5710, -95.2799



22.2210, 1.3700, -19.4878

Inverse Universe

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



152.1450, -3.0295, 38.4608



186.2340, -4.5524, 60.3078



160.4140, -14.5011, 31.2089



90.2180, -0.6005, 5.9478



52.3570, -7.5710, 95.2799



10.7790, -1.3700, 19.4878

Previews

White Background



This preview shows how the YUV color 174.8550, 3.0295, -38.4608 looks on a white background.

Color Contrast Check

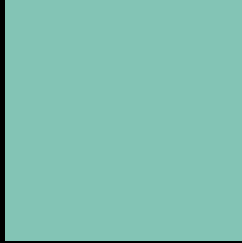
Large Text (above 18pt) WCAG AA × Fail

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 174.8550, 3.0295, -38.4608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

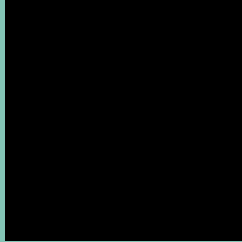
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 174.8550, 3.0295, -38.4608

Background



This preview shows how black text looks on a background with the YUV color 174.8550, 3.0295, -38.4608.



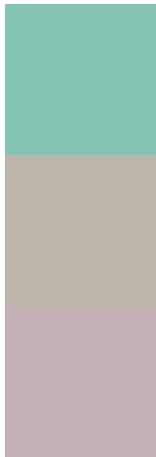
This preview shows how white text looks on a background with the YUV color 174.8550, 3.0295, -38.4608.

-38.4608.

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

174.8550, 3.0295, -38.4608

Protanopia

182.7680, -4.8156, 4.5885

Deuteranopia

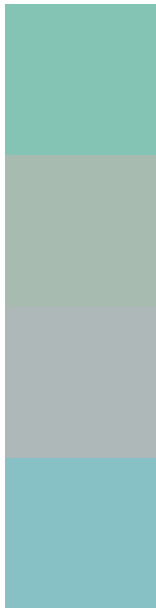
184.4900, 0.2514, 12.7253



Tritanopia

177.3790, 15.0962, -35.4124

Trichromacy



Original Color

174.8550, 3.0295, -38.4608

Protanomaly

179.7660, -1.8566, -11.1958

Deuteranomaly

181.0100, 1.4741, -6.1478

Tritanomaly

176.2280, 10.7336, -36.1570

Monochromacy



Original Color

174.8550, 3.0295, -38.4608

Achromatopsia

175.0000, 0.0000, 0.0000

Achromatomaly

175.1400, 0.9170, -14.1548

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.8550, 3.0295, -38.4608 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(131, 196, 181)` looks like.

```
.text, #text, p{  
    color:rgb(131, 196, 181)  
}
```

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(131, 196, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 196, 181) }
```

Border

The CSS property to change the border of an element to YUV 174.8550, 3.0295, -38.4608 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(131, 196, 181) }
```


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

```
.border{ border-color:rgb(131, 196, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 196, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(131, 196, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(131, 196, 181); box-shadow:4px 4px 4px 4px rgb(131, 196, 181) }
```

Background

The CSS property to change the background color of an element to YUV 174.8550, 3.0295, -38.4608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 196, 181) }
```

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

```
.background{ background-color: rgb(131,  
196, 181) }
```

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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