

Converting Colors

YUV(174.3230, -10.5122,
-81.8443)

Have a look what the booklet for
YUV(174.3230, -10.5122, -81.8443)
contains.

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Color

**YUV(174.3230, -10.5122,
-81.8443)**

Conversions

Conversions Part 1

Format	Color
Hex	51E299
RGB	81, 226, 153
RGB Percent	32%, 89%, 60%
CMY	0.6824, 0.1137, 0.4000
CMYK	0.64, 0.00, 0.32, 0.11
HSL	150°, 71%, 60%
HSV	150°, 64%, 89%
XYZ	36.3395, 58.4420, 39.5021
YIQ	174.3230, -62.9870, -53.4430

Conversions

Conversions Part 2

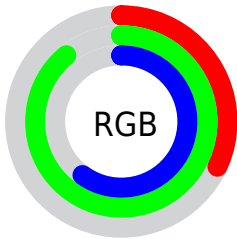
Format	Color
RYB	81, 178, 226
Decimal	5366425
CIELab	80.98, -55.14, 24.57
CIELCh	81, 60.364, 155.981
Yxy	58.4420, 0.2706, 0.4352
Android (android.graphics.Color)	4283556505 (0xFF51E299)
YUV	174.3230, -10.5122, -81.8443
Hunter-Lab	76.4473, -48.9323, 22.8766

Details

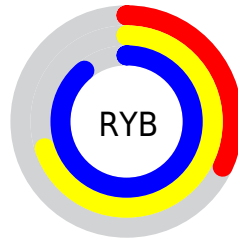
The YUV color **174.3230, -10.5122, -81.8443** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **132.6770, 10.5122, 81.8443**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.4530, -4.1673, -63.5413**, and **111.3040, -5.0799, -97.6136** is the 20% darker color. If you saturate the color by 10%, you get **166.1920, -11.9267, -94.8844**, and if you desaturate by 10%, it is **182.4540, -9.0978, -68.8042**.

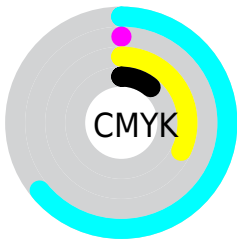
Distribution



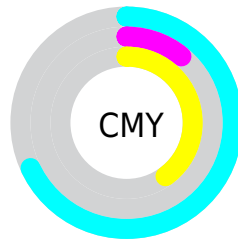
- Red (32%)
- Green (89%)
- Blue (60%)



- Red (32%)
- Yellow (70%)
- Blue (89%)



- Cyan (64%)
- Magenta (0%)
- Yellow (32%)
- Black (11%)



- Cyan (68%)
- Magenta (11%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.3230, -10.5122, -81.8443 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 174.3230, -10.5122, -81.8443 by changing the saturation by 10% instead.

■ 174.3230,
-10.5122, -81.8443

■ 174.3230,
-10.5122, -81.8443

255.0000, 0.0000,
0.0000

■ 142.9740, -7.8752,
-87.6772

■ 216.4530, -4.1673,
-63.5413

■ 111.3040, -5.0799,
-97.6136

■ 228.6150, 3.6408,
-47.8974

■ 92.1320, -7.4601,
-80.7998

■ 239.7510, 7.5178,
-31.3536

■ 74.2480, -9.9823,
-65.1155

■ 249.0200, 2.9481,
-12.2955

■ 56.3640, -12.5045,
-49.4312

■ 39.0670, -15.3160,
-34.2618

■ 24.6540, -12.1544,

-21.6216

■ 4.1090, -2.0257,
-3.6036

■ 0.0000, 0.0000,
0.0000

■ 174.3230,
-10.5122, -81.8443

■ 174.3230,
-10.5122, -81.8443

■ 166.1920,
-11.9267, -94.8844

■ 182.4540, -9.0978,
-68.8042

■ 158.2460,
-13.9253, -107.2097

■ 190.4000, -7.0992,
-56.4788


■ 150.1150,
-15.3397, -120.2499


■ 198.5310, -5.6848,
-43.4387


■ 145.4300,
-16.4810, -127.5421


■ 206.4770, -3.6862,
-31.1133

 214.6080, -2.2717,
-18.0732

 222.7390, -0.8573,
-5.0331

 230.6850, 1.1413,
7.2923

 236.7230, 3.5876,
16.0289

 237.9770, 8.3923,
14.9292

Harmonies

Analogous

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



188.4990, -40.6720, -21.4856



174.3230, -10.5122, -81.8443



159.0640, 25.6044, -139.4991

Triad

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



174.3230, -10.5122, -81.8443



184.1110, 34.9483, -56.2253



187.0710, -24.1920, 59.5737

Complementary

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



174.3230, -10.5122, -81.8443



132.6770, 10.5122, 81.8443

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.



187.3570, 2.2890, 59.3229



174.3230, -10.5122, -81.8443



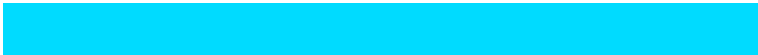
201.6840, 26.2848, 16.0631

Square

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



174.3230, -10.5122, -81.8443



157.6230, 48.0069, -138.2354



199.0240, 24.1452, 49.0910



194.1370, -47.8885, 53.3769

Rectangle

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



174.3230, -10.5122, -81.8443



162.8090, 42.4922, -142.7835



199.0240, 24.1452, 49.0910



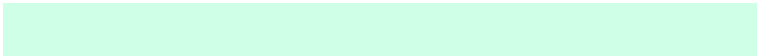
186.0740, -15.3195, 60.4481

Sweetspot

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



174.3230, -10.5122, -81.8443



237.9120, -3.4076, -27.1098



188.5400, -53.0172, -28.5376



117.3200, -2.1298, -16.9436



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.



174.3230, -10.5122, -81.8443



185.1100, -14.3512, -110.5985



182.4170, 20.5004, -88.9427



108.1410, -0.5625, -6.2627



113.2300, -12.9314, -99.3027



30.9120, -3.4076, -27.1098

Inverse Universe

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



132.6770, 10.5122, 81.8443



128.8900, 14.3512, 110.5985



124.5830, -20.5004, 88.9427



104.9730, 0.9993, 6.1627



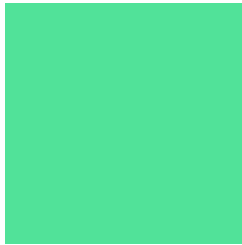
62.7700, 12.9314, 99.3027



17.0880, 3.4076, 27.1098

Previews

White Background



This preview shows how the YUV color 174.3230, -10.5122, -81.8443 looks on a white background.

Color Contrast Check

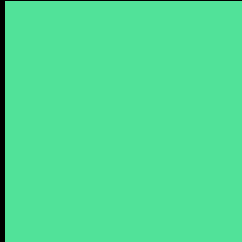
Large Text (above 18pt) WCAG AA × Fail

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 174.3230, -10.5122, -81.8443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

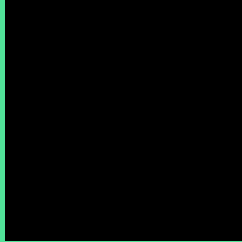
Any Text WCAG AA ✓ Pass

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 174.3230, -10.5122, -81.8443 Background



This preview shows how black text looks on a background with the YUV color 174.3230, -10.5122, -81.8443.



This preview shows how white text looks on a background with the YUV color 174.3230, -10.5122, -81.8443.

-81.8443.

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

174.3230, -10.5122, -81.8443

Protanopia

197.1720, -27.6928, 15.6352

Deuteranopia

200.4260, -19.4370, 27.6904



Tritanopia

185.9450, 23.1981, -67.4808

Trichromacy



Original Color

174.3230, -10.5122, -81.8443



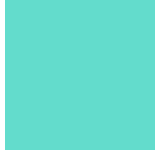
Protanomaly

188.8470, -21.6166, -20.0368



Deuteranomaly

190.6830, -16.1127, -12.0000



Tritanomaly

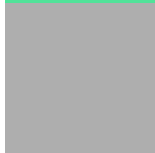
181.9970, 10.8475, -72.7884

Monochromacy



Original Color

174.3230, -10.5122, -81.8443



Achromatopsia

174.0000, 0.0000, 0.0000



Achromatomaly

174.0750, -3.9810, -29.8838

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.3230, -10.5122, -81.8443 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(81, 226, 153)` looks like.

```
.text, #text, p{  
    color:rgb(81, 226, 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(81, 226, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 226, 153) }
```

Border

The CSS property to change the border of an element to YUV 174.3230, -10.5122, -81.8443 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(81, 226, 153) }
```


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

```
.border{ border-color:rgb(81, 226, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 226, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 226, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 226, 153);  
box-shadow:4px 4px 4px 4px rgb(81, 226,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 174.3230, -10.5122, -81.8443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 226, 153) }
```

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

```
.background{ background-color: rgb(81, 226,  
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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