

Converting Colors

YUV(169.3450, -10.5231,
-78.3556)

Have a look what the booklet for
YUV(169.3450, -10.5231, -78.3556)
contains.

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Color

**YUV(169.3450, -10.5231,
-78.3556)**

Conversions

Conversions Part 1

Format	Color
Hex	50DB94
RGB	80, 219, 148
RGB Percent	31%, 86%, 58%
CMY	0.6863, 0.1412, 0.4196
CMYK	0.63, 0.00, 0.32, 0.14
HSL	149°, 66%, 59%
HSV	149°, 63%, 86%
XYZ	33.9851, 54.5066, 36.7466
YIQ	169.3450, -60.0530, -51.5490

Conversions

Conversions Part 2

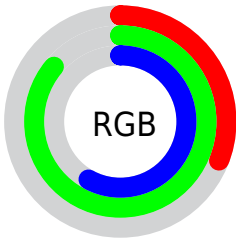
Format	Color
RYB	80, 173, 219
Decimal	5299092
CIELab	78.76, -53.55, 24.13
CIELCh	79, 58.732, 155.745
Yxy	54.5066, 0.2714, 0.4352
Android (android.graphics.Color)	4283489172 (0xFF50DB94)
YUV	169.3450, -10.5231, -78.3556
Hunter-Lab	73.8286, -47.0322, 22.1697

Details

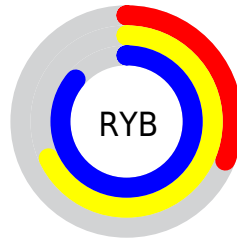
The YUV color **169.3450, -10.5231, -78.3556** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **129.6550, 10.5231, 78.3556**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.1710, -6.4933, -64.1710**, and **106.7390, -4.8013, -93.6101** is the 20% darker color. If you saturate the color by 10%, you get **161.5130, -12.0849, -90.7809**, and if you desaturate by 10%, it is **177.1770, -8.9613, -65.9302**.

Distribution



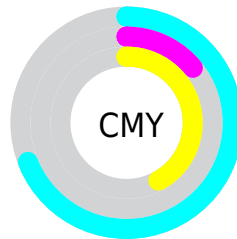
- Red (31%)
- Green (86%)
- Blue (58%)



- Red (31%)
- Yellow (68%)
- Blue (86%)



- Cyan (63%)
- Magenta (0%)
- Yellow (32%)
- Black (14%)



- Cyan (69%)
- Magenta (14%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 169.3450, -10.5231, -78.3556 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 169.3450, -10.5231, -78.3556 by changing the saturation by 10% instead.

■ 169.3450,
-10.5231, -78.3556

■ 169.3450,
-10.5231, -78.3556

■ 255.0000, 0.0000,
0.0000

■ 138.8820, -8.3228,
-84.0885

■ 215.1710, -6.4933,
-64.1710

■ 106.7390, -4.8013,
-93.6101

■ 227.4470, 1.7516,
-48.6270

■ 88.1540, -7.4709,
-77.3111

■ 239.1530, 7.8126,
-32.5832

■ 70.1560, -10.4299,
-61.5268

■ 248.1230, 3.3904,
-14.1399

■ 52.3860, -12.5153,
-45.9425

■ 34.9750, -15.7637,
-30.6731

■ 21.7190, -10.7075,

-19.0476

■ 0.0000, 0.0000,
0.0000

■ 169.3450,
-10.5231, -78.3556

■ 169.3450,
-10.5231, -78.3556

■ 161.5130,
-12.0849, -90.7809

■ 177.1770, -8.9613,
-65.9302

■ 153.6810,
-13.6467, -103.2062

■ 185.0090, -7.3994,
-53.5049

■ 145.7350,
-15.6454, -115.5316

■ 192.9550, -5.4008,
-41.1795

■ 140.7510,
-16.6392, -123.4386

■ 200.7870, -3.8390,
-28.7542

■ 208.3200, -2.1298,
-16.9436

■ 216.1520, -0.5679,
-4.5183

■ 223.9840, 0.9939,
7.9070

■ 231.8160, 2.5557,
20.3324

■ 233.1840, 7.7973,
19.1326

Harmonies

Analogous

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



182.4390, -39.6564, -20.5560



169.3450, -10.5231, -78.3556



153.5700, 24.8620, -134.6809

Triad

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



169.3450, -10.5231, -78.3556



179.3930, 37.2743, -55.5957



183.6800, -24.4922, 62.5476

Complementary

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



169.3450, -10.5231, -78.3556



129.6550, 10.5231, 78.3556

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.



184.3250, 0.8258, 61.9820



169.3450, -10.5231, -78.3556



196.0690, 29.0530, 14.8485

Square

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



169.3450, -10.5231, -78.3556



154.1010, 49.7432, -135.1466



195.2910, 22.5345, 52.3648



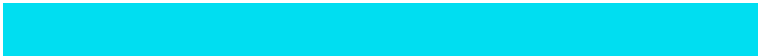
190.3870, -47.0258, 56.6656

Rectangle

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



169.3450, -10.5231, -78.3556



157.7880, 41.0235, -138.3801



195.2910, 22.5345, 52.3648



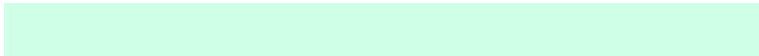
182.6830, -15.6197, 63.4220

Sweetspot

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



169.3450, -10.5231, -78.3556



237.7980, -3.8444, -27.0098



183.1210, -50.8387, -27.2931



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.



169.3450, -10.5231, -78.3556



185.7080, -14.6460, -109.3689



177.2110, 19.6160, -85.2540



106.0270, -0.9993, -6.1627



111.2410, -12.9368, -97.5584



29.5100, -3.7024, -25.8803

Inverse Universe

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



129.6550, 10.5231, 78.3556



130.2920, 14.6460, 109.3689



121.7890, -19.6160, 85.2540



102.8590, 0.5625, 6.2627



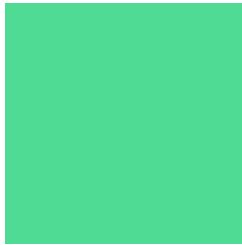
61.8730, 13.3736, 97.4584



16.3760, 3.2656, 25.9802

Previews

White Background



This preview shows how the YUV color 169.3450, -10.5231, -78.3556 looks on a white background.

Color Contrast Check

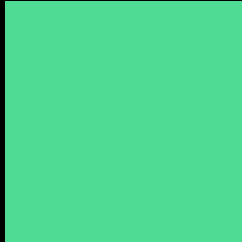
Large Text (above 18pt) WCAG AA × Fail

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 169.3450, -10.5231, -78.3556 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

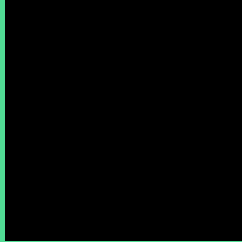
Any Text WCAG AA ✓ Pass

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 169.3450, -10.5231, -78.3556 Background



This preview shows how black text looks on a background with the YUV color 169.3450, -10.5231, -78.3556.



This preview shows how white text looks on a background with the YUV color 169.3450, -10.5231, -78.3556.

-78.3556.

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

169.3450, -10.5231, -78.3556

Protanopia

191.1010, -26.6718, 14.8204

Deuteranopia

194.1270, -19.2896, 27.0756



Tritanopia

180.1410, 22.6085, -65.0217

Trichromacy



Original Color

169.3450, -10.5231, -78.3556



Protanomaly

182.7870, -20.6010, -19.1072



Deuteranomaly

184.9820, -16.2601, -11.3852



Tritanomaly

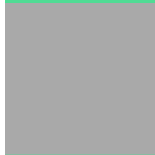
176.6060, 10.5472, -69.8145

Monochromacy



Original Color

169.3450, -10.5231, -78.3556



Achromatopsia

169.0000, 0.0000, 0.0000



Achromatomaly

169.0860, -3.9864, -28.1394

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.3450, -10.5231, -78.3556 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(80, 219, 148)` looks like.

```
.text, #text, p{  
    color:rgb(80, 219, 148)  
}
```

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(80, 219, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 219, 148) }
```

Border

The CSS property to change the border of an element to YUV 169.3450, -10.5231, -78.3556 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(80, 219, 148) }
```


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

```
.border{ border-color:rgb(80, 219, 148) }
```

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

Here you see how a box with a 4 pixel rgb(80, 219, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 219, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 219, 148);  
box-shadow:4px 4px 4px 4px rgb(80, 219,  
148) }
```

Background

The CSS property to change the background color of an element to YUV 169.3450, -10.5231, -78.3556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 219, 148) }
```

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

```
.background{ background-color: rgb(80, 219,  
148) }
```

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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