

Converting Colors

YUV(174.9360, -6.8704,
-83.2589)

Have a look what the booklet for
YUV(174.9360, -6.8704, -83.2589)
contains.

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Color

**YUV(174.9360, -6.8704,
-83.2589)**

Conversions

Conversions Part 1

Format	Color
Hex	50E2A1
RGB	80, 226, 161
RGB Percent	31%, 89%, 63%
CMY	0.6863, 0.1137, 0.3686
CMYK	0.65, 0.00, 0.29, 0.11
HSL	153°, 72%, 60%
HSV	153°, 65%, 89%
XYZ	36.9376, 58.6714, 43.0961
YIQ	174.9360, -66.1510, -51.1670

Conversions

Conversions Part 2

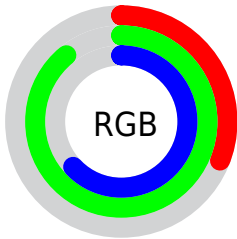
Format	Color
RYB	80, 174, 226
Decimal	5300897
CIELab	81.11, -53.70, 20.59
CIElCh	81, 57.514, 159.025
Yxy	58.6714, 0.2663, 0.4230
Android (android.graphics.Color)	4283490977 (0xFF50E2A1)
YUV	174.9360, -6.8704, -83.2589
Hunter-Lab	76.5973, -47.9668, 20.2596

Details

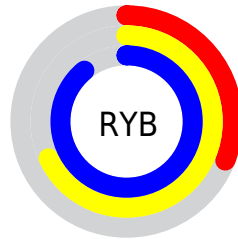
The YUV color **174.9360, -6.8704, -83.2589** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **131.0640, 6.8704, 83.2589**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.0660, -0.5255, -64.9559**, and **112.2160, -1.5855, -98.4134** is the 20% darker color. If you saturate the color by 10%, you get **166.9190, -7.8481, -96.3990**, and if you desaturate by 10%, it is **182.9530, -5.8928, -70.1188**.

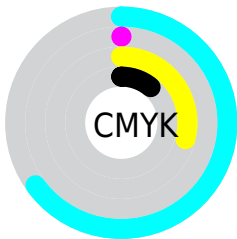
Distribution



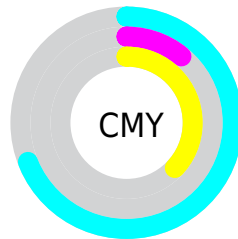
- Red (31%)
- Green (89%)
- Blue (63%)



- Red (31%)
- Yellow (68%)
- Blue (89%)



- Cyan (65%)
- Magenta (0%)
- Yellow (29%)
- Black (11%)



- Cyan (69%)
- Magenta (11%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.9360, -6.8704, -83.2589 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 174.9360, -6.8704, -83.2589 by changing the saturation by 10% instead.

■ 174.9360, -6.8704,
-83.2589

■ 174.9360, -6.8704,
-83.2589

255.0000, 0.0000,
0.0000

■ 143.2880, -4.0860,
-89.7066

■ 217.0660, -0.5255,
-64.9559

■ 112.2160, -1.5855,
-98.4134

■ 229.3420, 7.7194,
-49.4119

■ 93.0440, -3.9657,
-81.5996

■ 239.7510, 7.5178,
-31.3536

■ 75.0460, -6.9247,
-65.8153

■ 248.7210, 3.0955,
-12.9103

■ 57.1620, -9.4469,
-50.1311

■ 40.0930, -11.3848,
-35.1616

■ 25.2410, -12.4438,

-22.1364

■ 4.6960, -2.3151,
-4.1184

■ 0.0000, 0.0000,
0.0000

■ 174.9360, -6.8704,
-83.2589

■ 174.9360, -6.8704,
-83.2589

■ 166.9190, -7.8481,
-96.3990

■ 182.9530, -5.8928,
-70.1188

■ 159.2010, -8.9731,
-108.9243

■ 190.6710, -4.7678,
-57.5935


■ 151.1840, -9.9507,
-122.0644


■ 198.6880, -3.7902,
-44.4534


■ 146.9120,
-10.8026, -128.8418


■ 206.4060, -2.6652,
-31.9281

 214.4230, -1.6875,
-18.7880

 222.4400, -0.7099,
-5.6479

 230.1580, 0.4151,
6.8774

 236.3810, 2.2772,
16.3289

 237.6350, 7.0819,
15.2291

Harmonies

Analogous

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



188.9160, -36.4406, -25.3593



174.9360, -6.8704, -83.2589



159.1610, 28.5146, -139.5842

Triad

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



174.9360, -6.8704, -83.2589



189.2050, 32.4369, -44.0298



189.1910, -26.2232, 57.7145

Complementary

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



174.9360, -6.8704, -83.2589



131.0640, 6.8704, 83.2589

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.



189.1350, -1.0526, 57.7636



174.9360, -6.8704, -83.2589



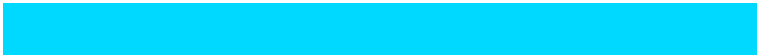
203.1900, 25.5423, 20.8814

Square

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



174.9360, -6.8704, -83.2589



156.4490, 48.5856, -137.2058



198.8130, 20.7982, 49.2760



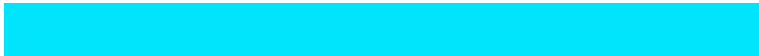
196.2400, -47.4463, 51.5325

Rectangle

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



174.9360, -6.8704, -83.2589



162.5640, 44.0919, -142.5686



198.8130, 20.7982, 49.2760



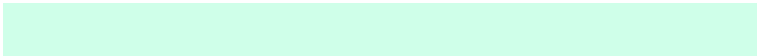
188.0800, -17.7874, 58.6888

Sweetspot

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



174.9360, -6.8704, -83.2589



238.1400, -2.5340, -27.3098



185.4360, -51.9799, -34.5854



117.4340, -1.6930, -17.0436



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.



174.9360, -6.8704, -83.2589



185.3530, -9.5410, -113.4426



178.2370, 23.5472, -86.1538



108.1410, -0.5625, -6.2627



114.4840, -8.1266, -100.4025



31.2540, -2.0972, -27.4098

Inverse Universe

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



131.0640, 6.8704, 83.2589



125.6470, 9.5410, 113.4426



127.7630, -23.5472, 86.1538



104.8590, 0.5625, 6.2627



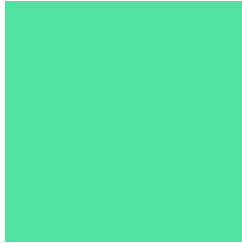
61.5160, 8.1266, 100.4025



16.8600, 2.5340, 27.3098

Previews

White Background



This preview shows how the YUV color 174.9360, -6.8704, -83.2589 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 174.9360, -6.8704, -83.2589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

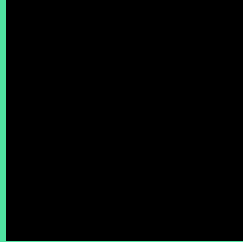
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 174.9360, -6.8704, -83.2589

Background



This preview shows how black text looks on a background with the YUV color 174.9360, -6.8704, -83.2589.

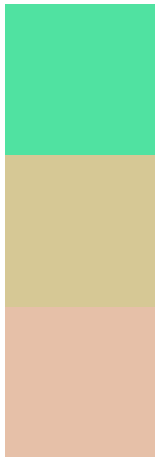


This preview shows how white text looks on a background with the YUV color 174.9360, -6.8704,

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

174.9360, -6.8704, -83.2589

Protanopia

198.3720, -24.3404, 13.7058

Deuteranopia

200.6260, -16.0846, 25.7610



Tritanopia

185.7490, 23.7877, -69.9399

Trichromacy



Original Color

174.9360, -6.8704, -83.2589



Protanomaly

189.4600, -17.9748, -21.4514



Deuteranomaly

190.8830, -12.7603, -13.9294



Tritanomaly

181.7410, 12.4527, -74.3179

Monochromacy



Original Color

174.9360, -6.8704, -83.2589



Achromatopsia

175.0000, 0.0000, 0.0000



Achromatomaly

175.1180, -2.5232, -30.7985

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.9360, -6.8704, -83.2589 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, 226, 161)` looks like.

```
.text, #text, p{  
    color:rgb(80, 226, 161)  
}
```

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, 226, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 226, 161) }
```

Border

The CSS property to change the border of an element to YUV 174.9360, -6.8704, -83.2589 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, 226, 161) }
```


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

```
.border{ border-color:rgb(80, 226, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 226, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 226, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 226, 161);  
box-shadow:4px 4px 4px 4px rgb(80, 226,  
161) }
```

Background

The CSS property to change the background color of an element to YUV 174.9360, -6.8704, -83.2589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 226, 161) }
```

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

```
.background{ background-color: rgb(80, 226,  
161) }
```

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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