

Converting Colors

YUV(174.5100, 2.7066,
-74.9923)

Have a look what the booklet for
YUV(174.5100, 2.7066, -74.9923)
contains.

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Color

**YUV(174.5100, 2.7066,
-74.9923)**

Conversions

Conversions Part 1

Format	Color
Hex	59D9B4
RGB	89, 217, 180
RGB Percent	35%, 85%, 71%
CMY	0.6510, 0.1490, 0.2941
CMYK	0.59, 0.00, 0.17, 0.15
HSL	163°, 63%, 60%
HSV	163°, 59%, 85%
XYZ	37.1709, 55.0448, 51.8456
YIQ	174.5100, -64.4110, -38.6430

Conversions

Conversions Part 2

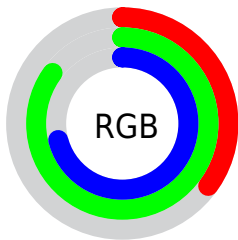
Format	Color
RYB	89, 164, 217
Decimal	5888436
CIELab	79.07, -44.13, 7.73
CIELCh	79, 44.801, 170.061
Yxy	55.0448, 0.2580, 0.3821
Android (android.graphics.Color)	4284078516 (0xFF59D9B4)
YUV	174.5100, 2.7066, -74.9923
Hunter-Lab	74.1922, -40.4064, 10.5026

Details

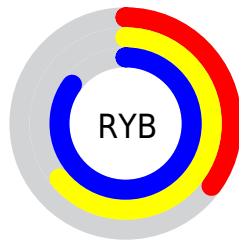
The YUV color **174.5100, 2.7066, -74.9923** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **131.4900, -2.7066, 74.9923**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.1400, 7.3260, -63.2668**, and **108.9850, 8.8814, -95.5798** is the 20% darker color. If you saturate the color by 10%, you get **167.2480, 3.3287, -87.9175**, and if you desaturate by 10%, it is **181.7720, 2.0844, -62.0670**.

Distribution



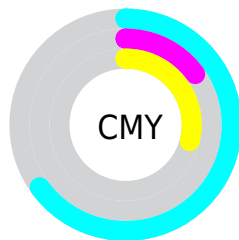
- Red (35%)
- Green (85%)
- Blue (71%)



- Red (35%)
- Yellow (64%)
- Blue (85%)



- Cyan (59%)
- Magenta (0%)
- Yellow (17%)
- Black (15%)



- Cyan (65%)
- Magenta (15%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.5100, 2.7066, -74.9923 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 174.5100, 2.7066, -74.9923 by changing the saturation by 10% instead.

■ 174.5100, 2.7066,
-74.9923

■ 174.5100, 2.7066,
-74.9923

255.0000, 0.0000,
0.0000

■ 144.8300, 4.0278,
-78.7809

■ 221.1400, 7.3260,
-63.2668

■ 108.9850, 8.8814,
-95.5798

■ 232.2760, 11.2029,
-46.7231

■ 90.2860, 5.7750,
-79.1808

■ 241.2460, 6.7807,
-28.2797

■ 72.2880, 2.8160,
-63.3966

■ 250.2160, 2.3585,
-9.8364

■ 54.9910, 0.0044,
-48.2271

■ 38.5090, -2.2229,
-33.7724

■ 23.6740, -5.7553,

-20.7621

■ 0.0000, 0.0000,
0.0000

■ 174.5100, 2.7066,
-74.9923

■ 174.5100, 2.7066,
-74.9923

■ 167.2480, 3.3287,
-87.9175

■ 181.7720, 2.0844,
-62.0670

■ 160.1710, 3.3667,
-100.1280

■ 188.8490, 2.0464,
-49.8566

■ 152.9090, 3.9889,
-113.0532

■ 196.1110, 1.4243,
-36.9313

■ 145.6470, 4.6110,
-125.9784

■ 203.3730, 0.8021,
-24.0061

■ 144.9350, 4.4690,
-127.1080

■ 210.6350, 0.1799,
-11.0809

■ 217.7120, 0.1420,
1.1296

■ 224.9740, -0.4802,
14.0548

■ 229.8440, 0.0769,
22.0618

■ 230.5280, 2.6977,
21.4619

Harmonies

Analogous

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



184.4710, -21.4312, -32.8621



174.5100, 2.7066, -74.9923



153.3880, 34.3187, -134.5213

Triad

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



174.5100, 2.7066, -74.9923



194.4200, 29.8659, -12.6463



193.5450, -29.8487, 53.8960

Complementary

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



174.5100, 2.7066, -74.9923



131.4900, -2.7066, 74.9923

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.



191.7790, -11.2300, 55.4448



174.5100, 2.7066, -74.9923



201.4900, 23.9154, 29.3883

Square

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



174.5100, 2.7066, -74.9923



180.5120, 36.7226, -65.3470



196.5670, 7.1155, 51.2457



194.0900, -39.9774, 35.8781

Rectangle

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



174.5100, 2.7066, -74.9923



154.4770, 46.1068, -135.4763



196.5670, 7.1155, 51.2457



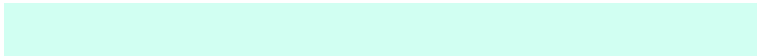
192.4510, -23.8863, 54.8555

Sweetspot

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



174.5100, 2.7066, -74.9923



239.7640, 1.1023, -26.9800



175.4980, -42.6435, -42.5327



118.3030, 0.3436, -16.9287



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.



174.5100, 2.7066, -74.9923



194.9530, 3.9672, -106.0758



163.4660, 26.3923, -65.3067



106.2550, -0.1257, -6.3626



115.5730, 3.6615, -101.3575



30.7640, 1.1023, -26.9800

Inverse Universe

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



131.4900, -2.7066, 74.9923



134.0470, -3.9672, 106.0758



142.5340, -26.3923, 65.3067



102.6310, -0.3111, 6.4626



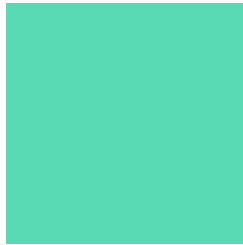
57.4270, -3.6615, 101.3575



15.2360, -1.1023, 26.9800

Previews

White Background



This preview shows how the YUV color 174.5100, 2.7066, -74.9923 looks on a white background.

Color Contrast Check

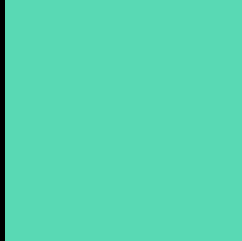
Large Text (above 18pt) WCAG AA × Fail

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 174.5100, 2.7066, -74.9923 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

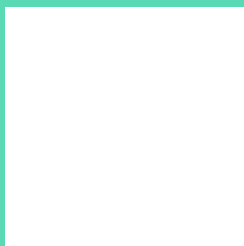
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 174.5100, 2.7066, -74.9923

Background



This preview shows how black text looks on a background with the YUV color 174.5100, 2.7066, -74.9923.



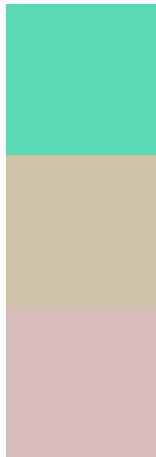
This preview shows how white text looks on a background with the YUV color 174.5100, 2.7066, -74.9923.

-74.9923.

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

174.5100, 2.7066, -74.9923

Protanopia

194.0260, -12.8308, 8.7472

Deuteranopia

196.1440, -5.0010, 17.4137



Tritanopia

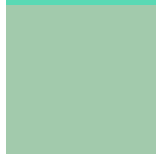
180.8420, 22.7559, -65.6364

Trichromacy



Original Color

174.5100, 2.7066, -74.9923



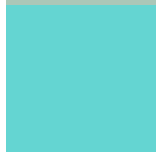
Protanomaly

186.6200, -7.2077, -21.5917



Deuteranomaly

188.6190, -2.2772, -16.3289



Tritanomaly

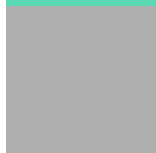
178.8710, 15.3466, -69.1699

Monochromacy



Original Color

174.5100, 2.7066, -74.9923



Achromatopsia

175.0000, 0.0000, 0.0000



Achromatomaly

174.7640, 1.1023, -26.9800

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.5100, 2.7066, -74.9923 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(89, 217, 180)` looks like.

```
.text, #text, p{  
    color:rgb(89, 217, 180)  
}
```

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(89, 217, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 217, 180) }
```

Border

The CSS property to change the border of an element to YUV 174.5100, 2.7066, -74.9923 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(89, 217, 180) }
```


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

```
.border{ border-color:rgb(89, 217, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 217, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 217, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 217, 180);  
box-shadow:4px 4px 4px 4px rgb(89, 217,  
180) }
```

Background

The CSS property to change the background color of an element to YUV 174.5100, 2.7066, -74.9923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 217, 180) }
```

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

```
.background{ background-color: rgb(89, 217,  
180) }
```

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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