

Converting Colors

YUV(175.5960, -4.2378,
-40.8647)

Have a look what the booklet for
YUV(175.5960, -4.2378, -40.8647)
contains.

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Color

**YUV(175.5960, -4.2378,
-40.8647)**

Conversions

Conversions Part 1

Format	Color
Hex	81C9A7
RGB	129, 201, 167
RGB Percent	51%, 79%, 65%
CMY	0.4941, 0.2118, 0.3451
CMYK	0.36, 0.00, 0.17, 0.21
HSL	152°, 40%, 65%
HSV	152°, 36%, 79%
XYZ	36.9150, 49.2304, 44.1160
YIQ	175.5960, -31.9980, -25.8380

Conversions

Conversions Part 2

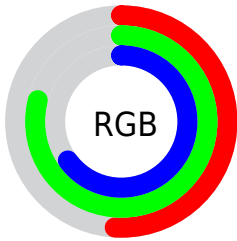
Format	Color
RYB	129, 176, 201
Decimal	8505767
CIELab	75.59, -30.00, 9.93
CIElCh	76, 31.601, 161.689
Yxy	49.2304, 0.2834, 0.3779
Android (android.graphics.Color)	4286695847 (0xFF81C9A7)
YUV	175.5960, -4.2378, -40.8647
Hunter-Lab	70.1644, -28.8751, 11.8364

Details

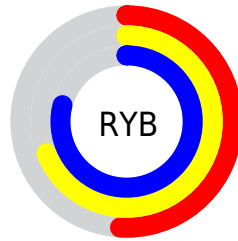
The YUV color **175.5960, -4.2378, -40.8647** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **154.4040, 4.2378, 40.8647**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.0090, -3.9484, -40.3499**, and **122.1230, -3.5116, -40.4499** is the 20% darker color. If you saturate the color by 10%, you get **168.5900, -5.2209, -52.2604**, and if you desaturate by 10%, it is **182.6020, -3.2548, -29.4690**.

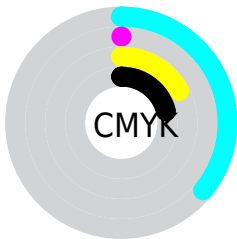
Distribution



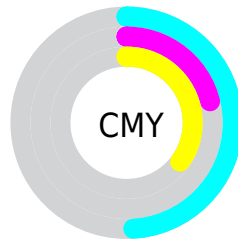
- Red (51%)
- Green (79%)
- Blue (65%)



- Red (51%)
- Yellow (69%)
- Blue (79%)



- Cyan (36%)
- Magenta (0%)
- Yellow (17%)
- Black (21%)



- Cyan (49%)
- Magenta (21%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.5960, -4.2378, -40.8647 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 175.5960, -4.2378, -40.8647 by changing the saturation by 10% instead.

■ 175.5960, -4.2378,
-40.8647

■ 175.5960, -4.2378,
-40.8647

255.0000, 0.0000,
0.0000

■ 148.1230, -3.5116,
-40.4499

■ 230.0090, -3.9484,
-40.3499

■ 122.1230, -3.5116,
-40.4499

■ 241.6870, 4.5913,
-26.0355

■ 95.9380, -2.9274,
-41.1646

■ 250.8140, 2.0637,
-8.6069

■ 69.0840, -1.0274,
-43.9237

■ 46.8070, -0.8909,
-41.0497

■ 30.9120, -3.4076,
-27.1098

■ 16.4360, -8.1029,

-14.4144

■ 0.0000, 0.0000,
0.0000

■ 175.5960, -4.2378,
-40.8647

■ 175.5960, -4.2378,
-40.8647

■ 168.5900, -5.2209,
-52.2604

■ 182.6020, -3.2548,
-29.4690

■ 161.4700, -6.6407,
-63.5562

■ 189.7220, -1.8349,
-18.1732

■ 154.4640, -7.6238,
-74.9519

■ 196.7280, -0.8519,
-6.7775

■ 147.3440, -9.0436,
-86.2477

■ 203.8480, 0.5679,
4.5183

■ 140.3380,
-10.0266, -97.6434

■ 211.1530, 1.4036,
16.5288

■ 132.9190,
-11.2991, -109.5540

■ 218.2730, 2.8234,
27.8246

■ 130.0710,
-11.8670, -114.0723

■ 220.7940, 6.0176,
29.9987

■ 221.9340, 10.3855,
28.9989

■ 222.9600, 14.3167,
28.0991

Harmonies

Analogous

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



179.9770, -18.7227, -14.8888



175.5960, -4.2378, -40.8647



171.2310, 12.7041, -61.5926

Triad

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



175.5960, -4.2378, -40.8647



185.6320, 28.2824, -18.0943



187.9490, -19.2019, 45.6487

Complementary

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



175.5960, -4.2378, -40.8647



154.4040, 4.2378, 40.8647

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.



189.8750, -6.8404, 47.4676



175.5960, -4.2378, -40.8647



190.2400, 19.6017, 12.9445

Square

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



175.5960, -4.2378, -40.8647



178.1290, 30.9954, -48.3481



191.0660, 6.8695, 36.7761



186.0970, -27.1628, 32.3639

Rectangle

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



175.5960, -4.2378, -40.8647



170.4180, 22.4719, -67.8956



191.0660, 6.8695, 36.7761



188.5840, -15.5709, 47.7228

Sweetspot

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



175.5960, -4.2378, -40.8647



245.1460, -1.5510, -15.9140



181.7290, -25.9954, -15.5483



122.0050, -0.9885, -9.6514



0.0000, 0.0000, 0.0000



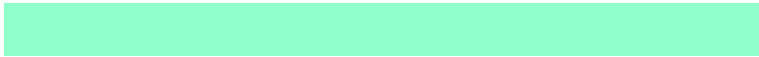
128.0000, 0.0000, 0.0000

Same Dimension

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



175.5960, -4.2378, -40.8647



216.1820, -6.4987, -62.4266



178.8850, 10.9027, -43.7491



95.8530, -0.4205, -5.1331



105.4850, -9.6061, -92.5103



23.2980, -2.1189, -20.4323

Inverse Universe

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



154.4040, 4.2378, 40.8647



183.8180, 6.4987, 62.4266



151.1150, -10.9027, 43.7491



93.1470, 0.4205, 5.1331



57.5150, 9.6061, 92.5103



12.7020, 2.1189, 20.4323

Previews

White Background



This preview shows how the YUV color 175.5960, -4.2378, -40.8647 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 175.5960, -4.2378, -40.8647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

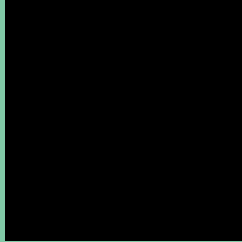
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 175.5960, -4.2378, -40.8647

Background



This preview shows how black text looks on a background with the YUV color 175.5960, -4.2378, -40.8647.



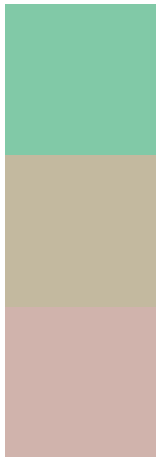
This preview shows how white text looks on a background with the YUV color 175.5960, -4.2378, -40.8647.

-40.8647.

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

175.5960, -4.2378, -40.8647

Protanopia

185.0260, -12.8308, 8.7472

Deuteranopia

186.8730, -7.3324, 18.5284



Tritanopia

180.0800, 15.2436, -36.0272

Trichromacy



Original Color

175.5960, -4.2378, -40.8647



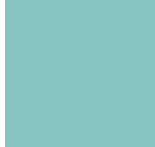
Protanomaly

181.7140, -9.7190, -9.3962



Deuteranomaly

182.6700, -6.2463, -3.2186



Tritanomaly

178.2340, 8.2656, -37.9162

Monochromacy



Original Color

175.5960, -4.2378, -40.8647



Achromatopsia

176.0000, 0.0000, 0.0000



Achromatomaly

175.8580, -1.4090, -14.7845

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.5960, -4.2378, -40.8647 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(129, 201, 167)` looks like.

```
.text, #text, p{  
    color:rgb(129, 201, 167)  
}
```

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(129, 201, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 201, 167) }
```

Border

The CSS property to change the border of an element to YUV 175.5960, -4.2378, -40.8647 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(129, 201, 167) }
```


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

```
.border{ border-color:rgb(129, 201, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 201, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 201, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 201, 167);  
box-shadow:4px 4px 4px 4px rgb(129, 201,  
167) }
```

Background

The CSS property to change the background color of an element to YUV 175.5960, -4.2378, -40.8647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 201, 167) }
```

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

```
.background{ background-color: rgb(129,  
201, 167) }
```

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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