

Converting Colors

YUV(175.8150, -9.7688,
-40.1798)

Have a look what the booklet for
YUV(175.8150, -9.7688, -40.1798)
contains.

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Color

**YUV(175.8150, -9.7688,
-40.1798)**

Conversions

Conversions Part 1

Format	Color
Hex	82CB9C
RGB	130, 203, 156
RGB Percent	51%, 80%, 61%
CMY	0.4902, 0.2039, 0.3882
CMYK	0.36, 0.00, 0.23, 0.20
HSL	141°, 41%, 65%
HSV	141°, 36%, 80%
XYZ	36.5626, 49.8580, 39.1490
YIQ	175.8150, -28.4210, -30.0930

Conversions

Conversions Part 2

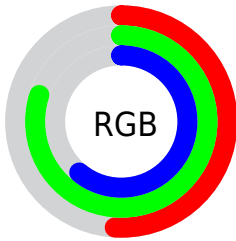
Format	Color
RYB	130, 184, 203
Decimal	8571804
CIELab	75.98, -32.84, 16.37
CIELCh	76, 36.692, 153.498
Yxy	49.8580, 0.2912, 0.3971
Android (android.graphics.Color)	4286761884 (0xFF82CB9C)
YUV	175.8150, -9.7688, -40.1798
Hunter-Lab	70.6102, -31.1389, 16.5545

Details

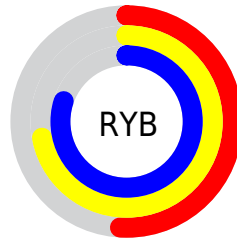
The YUV color **175.8150, -9.7688, -40.1798** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **157.1850, 9.7688, 40.1798**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.0540, -8.9006, -38.6354**, and **121.8690, -8.3164, -39.3501** is the 20% darker color. If you saturate the color by 10%, you get **168.3530, -12.4990, -51.1756**, and if you desaturate by 10%, it is **183.2770, -7.0386, -29.1839**.

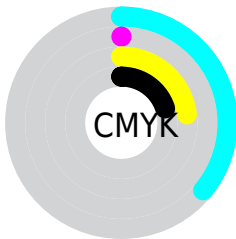
Distribution



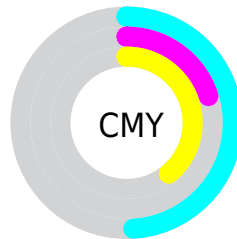
- Red (51%)
- Green (80%)
- Blue (61%)



- Red (51%)
- Yellow (72%)
- Blue (80%)



- Cyan (36%)
- Magenta (0%)
- Yellow (23%)
- Black (20%)



- Cyan (49%)
- Magenta (20%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.8150, -9.7688, -40.1798 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 175.8150, -9.7688, -40.1798 by changing the saturation by 10% instead.

■ 175.8150, -9.7688,
-40.1798

■ 175.8150, -9.7688,
-40.1798

255.0000, 0.0000,
0.0000

■ 148.3420, -9.0426,
-39.7649

■ 229.0540, -8.9006,
-38.6354

■ 121.8690, -8.3164,
-39.3501

■ 240.9170, -0.9451,
-23.6062

■ 95.6840, -7.7322,
-40.0649

■ 251.4120, 1.7689,
-7.3773

■ 69.7160, -6.2690,
-42.7239

■ 46.8410, -5.8376,
-41.0796

■ 30.3590, -8.0650,
-26.6248

■ 17.0230, -8.3923,

-14.9292

■ 0.0000, 0.0000,
0.0000

■ 175.8150, -9.7688,
-40.1798

■ 175.8150, -9.7688,
-40.1798

■ 168.3530,
-12.4990, -51.1756

■ 183.2770, -7.0386,
-29.1839

■ 160.5920,
-15.0819, -62.7862

■ 191.0380, -4.4557,
-17.5733

■ 153.1300,
-17.8121, -73.7820

■ 198.5000, -1.7255,
-6.5775

■ 145.6680,
-20.5423, -84.7778

■ 205.9620, 1.0047,
4.4183

■ 138.2060,
-23.2726, -95.7737

■ 213.7230, 3.5876,
16.0289

■ 130.4450,
-25.8554, -107.3843

■ 221.1850, 6.3178,
27.0248

■ 127.3690,
-27.2969, -111.7026

■ 223.5640, 11.5539,
27.5694

■ 224.4760, 15.0483,
26.7695

Harmonies

Analogous

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



180.7020, -24.9961, -9.3857



175.8150, -9.7688, -40.1798



169.1930, 10.2579, -70.3293

Triad

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



175.8150, -9.7688, -40.1798



183.8520, 34.5830, -32.3192



189.5310, -18.5028, 54.7853

Complementary

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



175.8150, -9.7688, -40.1798



157.1850, 9.7688, 40.1798

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.



190.9450, -2.9309, 53.5452



175.8150, -9.7688, -40.1798



190.6180, 26.3173, 5.5970

Square

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



175.8150, -9.7688, -40.1798



173.0770, 36.4440, -69.3505



192.2600, 12.6898, 36.6060



187.5820, -29.3739, 41.5856

Rectangle

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



175.8150, -9.7688, -40.1798



164.9490, 23.6891, -85.0243



192.2600, 12.6898, 36.6060



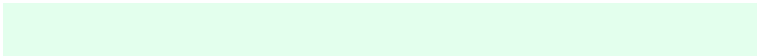
190.0950, -13.8508, 56.0447

Sweetspot

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



175.8150, -9.7688, -40.1798



244.5760, -3.7350, -15.4142



186.9040, -28.0537, -8.6858



121.6630, -2.2989, -9.3515



0.0000, 0.0000, 0.0000



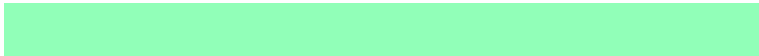
128.0000, 0.0000, 0.0000

Same Dimension

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



175.8150, -9.7688, -40.1798



214.0160, -14.7979, -60.5270



179.9190, 5.9559, -43.7790



98.2120, -1.5835, -5.4479



104.1680, -22.2678, -91.3553



23.9020, -4.8817, -20.9621

Inverse Universe

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



157.1850, 9.7688, 40.1798



185.9840, 14.7979, 60.5270



153.0810, -5.9559, 43.7790



95.6740, 1.1467, 5.5479



61.8320, 22.2678, 91.3553



14.2120, 5.3185, 20.8621

Previews

White Background



This preview shows how the YUV color 175.8150, -9.7688, -40.1798 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 175.8150, -9.7688, -40.1798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

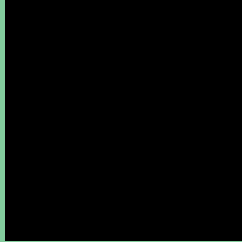
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 175.8150, -9.7688, -40.1798

Background



This preview shows how black text looks on a background with the YUV color 175.8150, -9.7688, -40.1798.



This preview shows how white text looks on a background with the YUV color 175.8150, -9.7688, -40.1798.

-40.1798.

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

175.8150, -9.7688, -40.1798

Protanopia

185.2560, -18.3672, 11.1765

Deuteranopia

187.4130, -13.0216, 23.3168



Tritanopia

181.5640, 14.5119, -34.6976

Trichromacy



Original Color

175.8150, -9.7688, -40.1798

Protanomaly

181.6450, -15.1080, -7.5817

Deuteranomaly

183.1990, -11.9301, -0.1745

Tritanomaly

179.8490, 5.4974, -36.7016

Monochromacy



Original Color

175.8150, -9.7688, -40.1798

Achromatopsia

176.0000, 0.0000, 0.0000

Achromatomaly

175.9890, -3.4456, -14.8994

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.8150, -9.7688, -40.1798 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(130, 203, 156)` looks like.

```
.text, #text, p{  
    color:rgb(130, 203, 156)  
}
```

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(130, 203, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 203, 156) }
```

Border

The CSS property to change the border of an element to YUV 175.8150, -9.7688, -40.1798 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(130, 203, 156) }
```


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

```
.border{ border-color:rgb(130, 203, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 203, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 203, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 203, 156);  
box-shadow:4px 4px 4px 4px rgb(130, 203,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 175.8150, -9.7688, -40.1798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 203, 156) }
```

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

```
.background{ background-color: rgb(130,  
203, 156) }
```

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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