

Converting Colors

YUV(159.4150, -15.9806,
39.1010)

Have a look what the booklet for
YUV(159.4150, -15.9806, 39.1010)
contains.

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Color

**YUV(159.4150, -15.9806,
39.1010)**

Conversions

Conversions Part 1

Format	Color
Hex	CC8F7F
RGB	204, 143, 127
RGB Percent	80%, 56%, 50%
CMY	0.2000, 0.4392, 0.5020
CMYK	0.00, 0.30, 0.38, 0.20
HSL	12°, 43%, 65%
HSV	12°, 38%, 80%
XYZ	38.5551, 34.0146, 24.6121
YIQ	159.4150, 41.4920, 7.9560

Conversions

Conversions Part 2

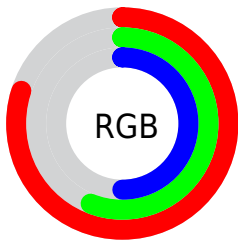
Format	Color
RYB	204, 147, 127
Decimal	13406079
CIELab	64.97, 21.10, 17.78
CIELCh	65, 27.592, 40.117
Yxy	34.0146, 0.3967, 0.3500
Android (android.graphics.Color)	4291596159 (0xFFCC8F7F)
YUV	159.4150, -15.9806, 39.1010
Hunter-Lab	58.3220, 15.9378, 15.8049

Details

The YUV color **159.4150, -15.9806, 39.1010** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **171.5850, 15.9806, -39.1010**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.4040, -15.9752, 37.3567**, and **107.1480, -14.3700, 35.8272** is the 20% darker color. If you saturate the color by 10%, you get **147.7430, -20.0863, 49.3374**, and if you desaturate by 10%, it is **171.0870, -11.8749, 28.8647**.

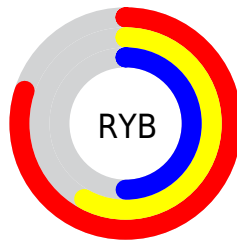
Distribution



Red (80%)

Green (56%)

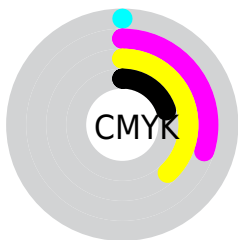
Blue (50%)



Red (80%)

Yellow (58%)

Blue (50%)

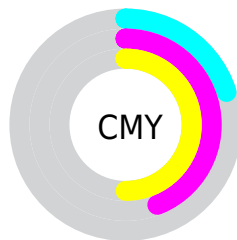


Cyan (0%)

Magenta (30%)

Yellow (38%)

Black (20%)



Cyan (20%)

Magenta (44%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.4150, -15.9806, 39.1010 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 159.4150, -15.9806, 39.1010 by changing the saturation by 10% instead.

■ 159.4150,
-15.9806, 39.1010

■ 159.4150,
-15.9806, 39.1010

255.0000, 0.0000,
0.0000

■ 132.9310,
-15.2490, 37.7715

■ 212.4040,
-15.9752, 37.3567

■ 107.1480,
-14.3700, 35.8272

■ 231.9180,
-12.2846, 20.2429

■ 82.3650, -13.4909,
33.8829

■ 252.2470, -8.0098,
2.4144

■ 58.2830, -12.4645,
31.3238

■ 35.5000, -11.5855,
29.3795

■ 13.1560, -6.4859,
27.0502

■ 0.0000, 0.0000,

0.0000

■ 159.4150,
-15.9806, 39.1010

■ 159.4150,
-15.9806, 39.1010

■ 147.7430,
-20.0863, 49.3374

■ 171.0870,
-11.8749, 28.8647

■ 135.9570,
-24.6288, 59.6737

■ 182.8730, -7.3324,
18.5284

■ 124.2850,
-28.7345, 69.9101

■ 194.5450, -3.2267,
8.2920

■ 111.9120,
-32.9876, 80.7612

■ 206.9180, 1.0264,
-2.5591

■ 100.2400,
-37.0933, 90.9975

■ 218.5900, 5.1321,
-12.7954

■ 88.5680, -41.1990,
101.2339

■ 230.2620, 9.2378,
-23.0318

■ 85.6500, -42.2254,
103.7930

■ 239.7510, 7.5178,
-31.3536

Harmonies

Analogous

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



160.5860, -5.2189, 40.7051



159.4150, -15.9806, 39.1010



157.6280, -22.4946, 28.3902

Triad

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



159.4150, -15.9806, 39.1010



148.9390, -4.4069, -33.2725



156.9050, 24.2038, -16.5797

Complementary

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



159.4150, -15.9806, 39.1010



171.5850, 15.9806, -39.1010

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.



150.7940, 25.7376, -41.9153



159.4150, -15.9806, 39.1010



144.9010, 9.9088, -51.6562

Square

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



159.4150, -15.9806, 39.1010



152.5690, -16.5495, -11.9000



145.5550, 21.4184, -56.6147



160.5340, 16.9917, 10.0557

Rectangle

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



159.4150, -15.9806, 39.1010



156.2090, -23.7670, 16.4797



145.5550, 21.4184, -56.6147



155.1920, 25.5413, -25.6014

Sweetspot

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



159.4150, -15.9806, 39.1010



238.8940, -5.8637, 14.1250



157.0910, 15.7311, 41.1392



117.8440, -3.3741, 8.9068



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.



159.4150, -15.9806, 39.1010



188.4730, -23.8972, 58.3442



181.7210, -26.9775, 19.5387



96.1640, -2.0529, 5.1182



69.5920, -34.3089, 84.5498



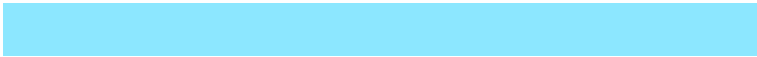
16.0580, -7.9166, 19.2431

Inverse Universe

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



171.5850, 15.9806, -39.1010



206.5270, 23.8972, -58.3442



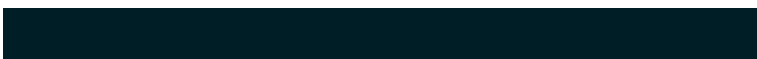
149.2790, 26.9775, -19.5387



97.8360, 2.0529, -5.1182



95.8210, 34.5982, -84.0350



21.9420, 7.9166, -19.2431

Previews

White Background



This preview shows how the YUV color 159.4150, -15.9806, 39.1010 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 159.4150, -15.9806, 39.1010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

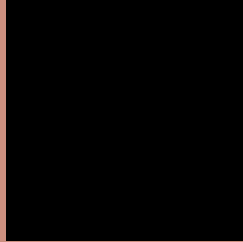
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 159.4150, -15.9806, 39.1010

Background



This preview shows how black text looks on a background with the YUV color 159.4150, -15.9806, 39.1010.



This preview shows how white text looks on a background with the YUV color 159.4150, -15.9806, 39.1010.

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

159.4150, -15.9806, 39.1010

Protanopia

157.6560, -11.6624, 7.3177

Deuteranopia

158.4900, -16.5106, 22.3723



Tritanopia

160.8740, -5.3609, 39.5755

Trichromacy



Original Color

159.4150, -15.9806, 39.1010

Protanomaly

158.5650, -13.5895, 18.7985

Deuteranomaly

158.9360, -16.2374, 28.1201

Tritanomaly

160.2500, -8.9972, 39.2458

Monochromacy



Original Color

159.4150, -15.9806, 39.1010

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

158.8940, -5.8637, 14.1250

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.4150, -15.9806, 39.1010 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(204, 143, 127)` looks like.

```
.text, #text, p{  
    color:rgb(204, 143, 127)  
}
```

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(204, 143, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 143, 127) }
```

Border

The CSS property to change the border of an element to YUV 159.4150, -15.9806, 39.1010 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(204, 143, 127) }
```


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

```
.border{ border-color:rgb(204, 143, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 143, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 143, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 143, 127);  
box-shadow:4px 4px 4px 4px rgb(204, 143,  
127) }
```

Background

The CSS property to change the background color of an element to YUV 159.4150, -15.9806, 39.1010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 143, 127) }
```

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

```
.background{ background-color: rgb(204,  
143, 127) }
```

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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