

Converting Colors

YUV(199.4070, -17.4557,
-1.2339)

Have a look what the booklet for
YUV(199.4070, -17.4557, -1.2339)
contains.

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Color

**YUV(199.4070, -17.4557,
-1.2339)**

Conversions

Conversions Part 1

Format	Color
Hex	C6CFA4
RGB	198, 207, 164
RGB Percent	78%, 81%, 64%
CMY	0.2235, 0.1882, 0.3569
CMYK	0.04, 0.00, 0.21, 0.19
HSL	73°, 31%, 73%
HSV	73°, 21%, 81%
XYZ	52.3024, 59.3117, 43.8136
YIQ	199.4070, 8.4390, -15.2810

Conversions

Conversions Part 2

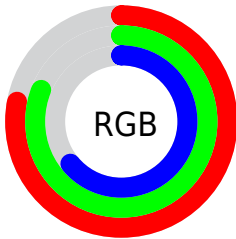
Format	Color
RYB	164, 207, 173
Decimal	13029284
CIELab	81.46, -10.37, 20.38
CIELCh	81, 22.870, 116.958
Yxy	59.3117, 0.3365, 0.3816
Android (android.graphics.Color)	4291219364 (0xFFC6CFA4)
YUV	199.4070, -17.4557, -1.2339
Hunter-Lab	77.0141, -13.5506, 20.1796

Details

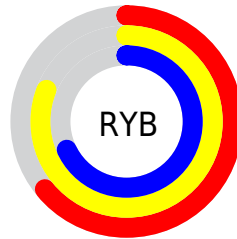
The YUV color **199.4070, -17.4557, -1.2339** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **171.5930, 17.4557, 1.2339**, and the grayscale version is **200.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **250.8960, -15.7247, 3.5992**, and **145.6350, -16.5821, -1.4339** is the 20% darker color. If you saturate the color by 10%, you get **195.8170, -26.0388, -1.5935**, and if you desaturate by 10%, it is **202.9970, -8.8725, -0.8744**.

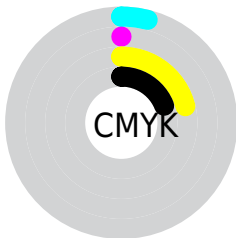
Distribution



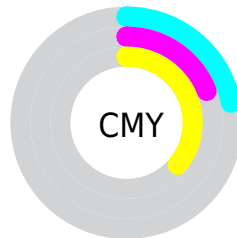
- Red (78%)
- Green (81%)
- Blue (64%)



- Red (64%)
- Yellow (81%)
- Blue (68%)



- Cyan (4%)
- Magenta (0%)
- Yellow (21%)
- Black (19%)



- Cyan (22%)
- Magenta (19%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.4070, -17.4557, -1.2339 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 199.4070, -17.4557, -1.2339 by changing the saturation by 10% instead.

■ 199.4070,
-17.4557, -1.2339

■ 199.4070,
-17.4557, -1.2339

255.0000, 0.0000,
0.0000

■ 171.9340,
-16.7295, -0.8191

■ 250.8960,
-15.7247, 3.5992

■ 145.6350,
-16.5821, -1.4339

■ 254.2020, -3.0576,
0.6998

■ 119.7490,
-16.1453, -1.5339

■ 94.9770, -15.2717,
-1.7338

■ 71.0910, -14.8349,
-1.8338

■ 48.3190, -13.9613,
-2.0338

■ 28.0310, -13.8193,

-0.9042

■ 5.8700, -2.8939,
-5.1480

■ 0.0000, 0.0000,
0.0000

■ 199.4070,
-17.4557, -1.2339

■ 199.4070,
-17.4557, -1.2339

■ 195.8170,
-26.0388, -1.5935

■ 202.9970, -8.8725,
-0.8744

■ 192.0420,
-34.0377, -2.6678

■ 206.7720, -0.8736,
0.2000

■ 188.4520,
-42.6208, -3.0274

■ 210.3620, 7.7095,
0.5595

■ 184.8620,
-51.2040, -3.3870

■ 213.9520, 16.2927,
0.9191

■ 180.9730,
-59.6397, -4.3613

■ 216.3590, 19.0500,
3.1932

■ 177.4970,
-67.7860, -4.8209

■ 217.5550, 18.4604,
5.6523

■ 173.9070,
-76.3692, -5.1804

■ 218.7510, 17.8708,
8.1114

■ 170.5450,
-84.0787, -5.7400

■ 220.2460, 17.1337,
11.1853

■ 221.4420, 16.5441,
13.6444

Harmonies

Analogous

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



201.7190, -20.5675, 16.9094



199.4070, -17.4557, -1.2339



196.7620, -9.2497, -19.9623

Triad

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



199.4070, -17.4557, -1.2339



196.4370, 20.4906, -38.9712



206.0950, -0.5398, 33.2427

Complementary

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



199.4070, -17.4557, -1.2339



171.5930, 17.4557, 1.2339

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.



206.0530, 9.8339, 19.2475



199.4070, -17.4557, -1.2339



200.5900, 21.8941, -22.4424

Square

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



199.4070, -17.4557, -1.2339



193.5690, 13.5235, -44.3490



204.2830, 17.6085, -1.1252



205.1850, -10.4442, 36.6718

Rectangle

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



199.4070, -17.4557, -1.2339



195.0470, -1.5022, -31.6132



204.2830, 17.6085, -1.1252



206.3980, 3.2548, 29.4690

Sweetspot

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



199.4070, -17.4557, -1.2339



252.3930, -6.1097, -0.3447



182.1400, -8.9430, 21.8022



126.3760, -3.6364, -0.3298



0.0000, 0.0000, 0.0000



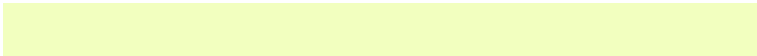
128.0000, 0.0000, 0.0000

Same Dimension

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



199.4070, -17.4557, -1.2339



243.8170, -26.0388, -1.5935



193.1280, -14.3601, -14.1443



102.8490, -4.3626, -0.7446



138.3830, -68.2228, -4.7209



33.6350, -16.5821, -1.4339

Inverse Universe

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



171.5930, 17.4557, 1.2339



202.4820, 25.8914, 2.2083



177.8720, 14.3601, 14.1443



95.8520, 4.5100, 0.1298



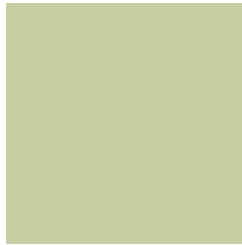
29.6170, 68.2228, 4.7209



7.3650, 16.5821, 1.4339

Previews

White Background



This preview shows how the YUV color 199.4070, -17.4557, -1.2339 looks on a white background.

Color Contrast Check

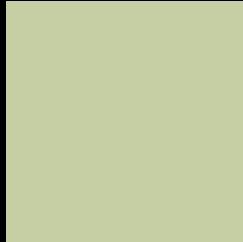
Large Text (above 18pt) WCAG AA × Fail

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 199.4070, -17.4557, -1.2339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

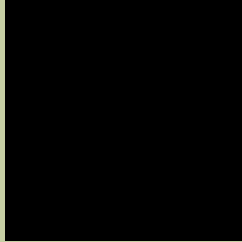
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

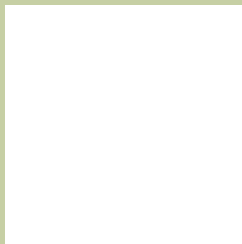
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 199.4070, -17.4557, -1.2339

Background



This preview shows how black text looks on a background with the YUV color 199.4070, -17.4557, -1.2339.



This preview shows how white text looks on a background with the YUV color 199.4070, -17.4557, -1.2339.

-1.2339.

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

199.4070, -17.4557, -1.2339

Protanopia

201.3270, -19.3882, 11.9912

Deuteranopia

202.8820, -17.6898, 27.2905



Tritanopia

203.3190, 6.2517, 1.4742

Trichromacy



Original Color

199.4070, -17.4557, -1.2339

Protanomaly

200.8210, -18.6458, 7.1730

Deuteranomaly

201.8160, -17.6573, 16.8244

Tritanomaly

202.0170, -2.4734, -0.0149

Monochromacy



Original Color

199.4070, -17.4557, -1.2339

Achromatopsia

199.0000, 0.0000, 0.0000

Achromatomaly

199.2790, -6.5465, -0.2447

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.4070, -17.4557, -1.2339 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(198, 207, 164)` looks like.

```
.text, #text, p{  
    color:rgb(198, 207, 164)  
}
```

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(198, 207, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 207, 164) }
```

Border

The CSS property to change the border of an element to YUV 199.4070, -17.4557, -1.2339 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(198, 207, 164) }
```


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

```
.border{ border-color:rgb(198, 207, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 207, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 207, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 207, 164); box-shadow:4px 4px 4px 4px rgb(198, 207, 164) }
```

Background

The CSS property to change the background color of an element to YUV 199.4070, -17.4557, -1.2339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 207, 164) }
```

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

```
.background{ background-color: rgb(198,  
207, 164) }
```

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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