

Converting Colors

YUV(173.4480, 10.6251,
-1.2699)

Have a look what the booklet for
YUV(173.4480, 10.6251, -1.2699)
contains.

YUV(173.4480, 10.6251, -1.2699)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(173.4480, 10.6251,
-1.2699)**

Conversions

Conversions Part 1

Format	Color
Hex	ACAAC3
RGB	172, 170, 195
RGB Percent	67%, 67%, 76%
CMY	0.3255, 0.3333, 0.2353
CMYK	0.12, 0.13, 0.00, 0.24
HSL	245°, 17%, 72%
HSV	245°, 13%, 76%
XYZ	41.2383, 41.4602, 57.4589
YIQ	173.4480, -6.8330, 8.1990

Conversions

Conversions Part 2

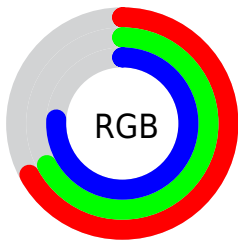
Format	Color
R _Y B	172, 170, 195
Decimal	11315907
CIE Lab	70.50, 5.69, -12.49
CIE LCh	70, 13.722, 294.494
Yxy	41.4602, 0.2942, 0.2958
Android (android.graphics.Color)	4289505987 (0xFFACAAC3)
YUV	173.4480, 10.6251, -1.2699
Hunter-Lab	64.3896, 1.6384, -7.8354

Details

The YUV color $173.4480, 10.6251, -1.2699$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $191.5520, -10.6251, 1.2699$, and the grayscale version is $173.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $228.6760, 11.4987, -1.4699$, and $121.2200, 9.7515, -1.0699$ is the 20% darker color. If you saturate the color by 10%, you get $156.9130, 18.7769, -2.5547$, and if you desaturate by 10%, it is $189.9830, 2.4734, 0.0149$.

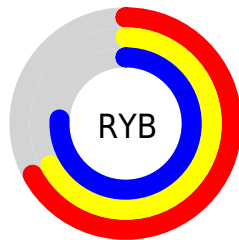
Distribution



Red (67%)

Green (67%)

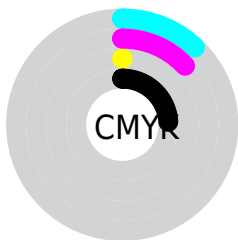
Blue (76%)



Red (67%)

Yellow (67%)

Blue (76%)

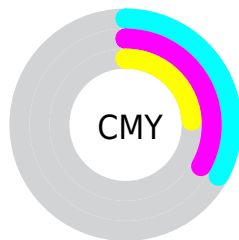


Cyan (12%)

Magenta (13%)

Yellow (0%)

Black (24%)



Cyan (33%)

Magenta (33%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.4480, 10.6251, -1.2699 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 173.4480, 10.6251, -1.2699 by changing the saturation by 10% instead.

■ 173.4480, 10.6251,
-1.2699

■ 173.4480, 10.6251,
-1.2699

255.0000, 0.0000,
0.0000

■ 147.0350, 10.3357,
-1.7847

■ 228.6760, 11.4987,
-1.4699

■ 121.2200, 9.7515,
-1.0699

254.4130, 0.2894,
0.5148

■ 96.2200, 9.7515,
-1.0699

■ 72.6930, 9.0254,
-1.4848

■ 49.6930, 9.0254,
-1.4848

■ 29.0520, 7.8624,
-1.7996

■ 3.4480, 10.6251,

-1.2699

0.0000, 0.0000,
0.0000

173.4480, 10.6251,
-1.2699

173.4480, 10.6251,
-1.2699

156.9130, 18.7769,
-2.5547

189.9830, 2.4734,
0.0149

139.7910, 27.2180,
-3.3247

207.1050, -5.9678,
0.7849

122.6690, 35.6592,
-4.0947

224.2270,
-14.4089, 1.5549

106.1340, 43.8109,
-5.3795

240.7620,
-22.5607, 2.8397

89.5990, 51.9627,
-6.6643

248.1600,
-26.2079, 5.9987

■ 72.4770, 60.4038,
-7.4343

■ 55.9420, 68.5556,
-8.7191

■ 38.8200, 76.9967,
-9.4891

■ 27.0140, 82.8171,
-9.6593

Harmonies

Analogous

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



171.2400, 12.6997, -13.3655



173.4480, 10.6251, -1.2699



174.6730, 6.0772, 10.8108

Triad

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



173.4480, 10.6251, -1.2699



173.7760, -10.2426, 18.6134



168.3950, 0.7913, -20.5174

Complementary

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



173.4480, 10.6251, -1.2699



191.5520, -10.6251, 1.2699

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.



169.4410, -5.6404, -10.9108



173.4480, 10.6251, -1.2699



172.5640, -12.1101, 10.9064

Square

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



173.4480, 10.6251, -1.2699



174.3510, -5.5960, 21.6172



170.9540, -10.3303, 0.0403



168.2680, 6.7699, -24.7910

Rectangle

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



173.4480, 10.6251, -1.2699



175.2670, 1.8404, 16.4288



170.9540, -10.3303, 0.0403



168.4340, -1.6930, -17.0436

Sweetspot

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



173.4480, 10.6251, -1.2699



243.4390, 4.2206, -0.3850



186.3510, 4.2640, -14.3398



122.0970, 2.9102, -0.0851



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.



173.4480, 10.6251, -1.2699



220.1150, 15.7193, -1.8549



177.0360, 8.8563, 6.1074



88.4390, 4.2206, -0.3850



22.2410, 68.4082, -8.1044



4.6590, 13.9721, -1.4549

Inverse Universe

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



180.0970, 6.3612, 13.0699



229.9390, 9.3971, 19.3475



187.9640, -8.8563, -6.1074



91.0160, 2.4571, 5.2480



65.0110, 40.9136, 84.1824



13.2870, 8.2395, 17.2883

Previews

White Background



This preview shows how the YUV color 173.4480, 10.6251, -1.2699 looks on a white background.

Color Contrast Check

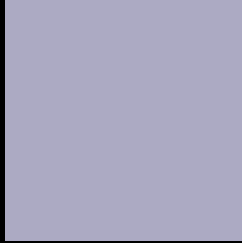
Large Text (above 18pt) WCAG AA × Fail

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 173.4480, 10.6251, -1.2699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

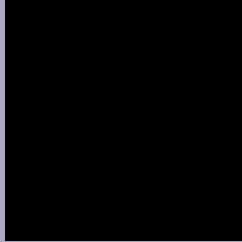
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 173.4480, 10.6251, -1.2699

Background



This preview shows how black text looks on a background with the YUV color 173.4480, 10.6251, -1.2699.



This preview shows how white text looks on a background with the YUV color 173.4480, 10.6251, -1.2699.

-1.2699.

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

173.4480, 10.6251, -1.2699

Protanopia

172.9530, 11.3622, -4.3438

Deuteranopia

174.0680, 10.3195, 3.4484



Tritanopia

172.8840, 5.9732, -2.5293

Trichromacy



Original Color

173.4480, 10.6251, -1.2699

Protanomaly

173.2520, 11.2148, -3.7290

Deuteranomaly

174.0570, 10.3249, 1.7040

Tritanomaly

173.0520, 7.8624, -1.7996

Monochromacy



Original Color

173.4480, 10.6251, -1.2699

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

173.3250, 3.7838, -0.2850

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.4480, 10.6251, -1.2699 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(172, 170, 195)` looks like.

```
.text, #text, p{  
    color:rgb(172, 170, 195)  
}
```

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(172, 170, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 170, 195) }
```

Border

The CSS property to change the border of an element to YUV 173.4480, 10.6251, -1.2699 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(172, 170, 195) }
```


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

```
.border{ border-color:rgb(172, 170, 195) }
```

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

Here you see how a box with a 4 pixel rgb(172, 170, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 170, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 170, 195);  
box-shadow:4px 4px 4px 4px rgb(172, 170,  
195) }
```

Background

The CSS property to change the background color of an element to YUV 173.4480, 10.6251, -1.2699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 170, 195) }
```

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

```
.background{ background-color: rgb(172,  
170, 195) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor