

Converting Colors

YUV(173.0990, -3.4998, 2.5442)

Have a look what the booklet for
YUV(173.0990, -3.4998, 2.5442)
contains.

YUV(173.0990, -3.4998, 2.5442)	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(173.0990, -3.4998,
2.5442)**

Conversions

Conversions Part 1

Format	Color
Hex	B0ADA6
RGB	176, 173, 166
RGB Percent	69%, 68%, 65%
CMY	0.3098, 0.3216, 0.3490
CMYK	0.00, 0.02, 0.06, 0.31
HSL	42°, 6%, 67%
HSV	42°, 6%, 69%
XYZ	39.7310, 41.8704, 42.0641
YIQ	173.0990, 4.0350, -1.5410

Conversions

Conversions Part 2

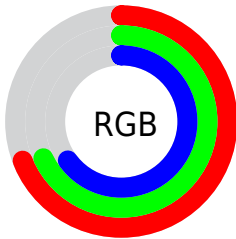
Format	Color
RYB	170, 176, 166
Decimal	11578790
CIELab	70.78, -0.21, 3.96
CIELCh	71, 3.966, 92.971
Yxy	41.8704, 0.3213, 0.3386
Android (android.graphics.Color)	4289768870 (0xFFB0ADA6)
YUV	173.0990, -3.4998, 2.5442
Hunter-Lab	64.7074, -3.6370, 6.7527

Details

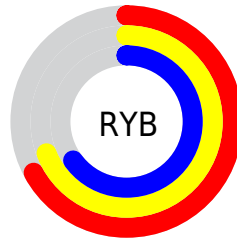
The YUV color **173.0990, -3.4998, 2.5442** is a light color, and the websafe version is hex **999999**. A complement of this color would be **168.9010, 3.4998, -2.5442**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.3980, -3.6472, 3.1590**, and **121.0990, -3.4998, 2.5442** is the 20% darker color. If you saturate the color by 10%, you get **168.1120, -9.9152, 6.9178**, and if you desaturate by 10%, it is **178.0860, 2.9156, -1.8294**.

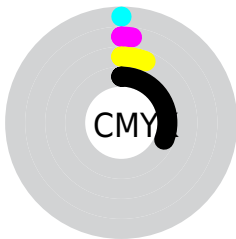
Distribution



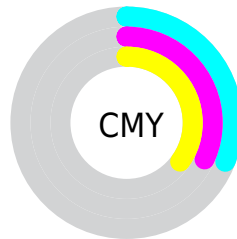
- Red (69%)
- Green (68%)
- Blue (65%)



- Red (67%)
- Yellow (69%)
- Blue (65%)



- Cyan (0%)
- Magenta (2%)
- Yellow (6%)
- Black (31%)



- Cyan (31%)
- Magenta (32%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.0990, -3.4998, 2.5442 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 173.0990, -3.4998, 2.5442 by changing the saturation by 10% instead.

■ 173.0990, -3.4998,
2.5442

■ 173.0990, -3.4998,
2.5442

■ 255.0000, 0.0000,
0.0000

■ 146.2130, -3.0630,
2.4442

■ 228.3980, -3.6472,
3.1590

■ 121.0990, -3.4998,
2.5442

■ 254.4300, -2.1840,
0.4999

■ 96.2130, -3.0630,
2.4442

■ 72.2130, -3.0630,
2.4442

■ 49.9140, -2.9156,
1.8294

■ 29.0280, -2.4788,
1.7294

■ 2.9570, -1.4578,

0.9147

0.0000, 0.0000,
0.0000

173.0990, -3.4998,
2.5442

173.0990, -3.4998,
2.5442

168.1120, -9.9152,
6.9178

178.0860, 2.9156,
-1.8294

162.6520,
-15.6044, 11.7062

183.5460, 8.6048,
-6.6178

157.6650,
-22.0198, 16.0798

188.5330, 15.0202,
-10.9914

152.7920,
-27.9985, 20.3534

193.4060, 20.9988,
-15.2651

147.8050,
-34.4139, 24.7270

198.3930, 27.4143,
-19.6387

■ 142.2310,
-40.5399, 29.6154

■ 202.0290, 26.1147,
-22.8274

■ 137.3580,
-46.5185, 33.8890

■ 204.9640, 24.6677,
-25.4014

■ 132.3710,
-52.9339, 38.2626

■ 207.8990, 23.2208,
-27.9754

■ 126.9110,
-58.6231, 43.0511

■ 211.4210, 21.4844,
-31.0642

Harmonies

Analogous

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



173.5230, -3.2158, 4.8033



173.0990, -3.4998, 2.5442



172.6040, -2.7628, -0.5297

Triad

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



173.0990, -3.4998, 2.5442



172.2380, 2.3477, -6.3477



173.6630, 1.1521, 3.8035

Complementary

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



173.0990, -3.4998, 2.5442



168.9010, 3.4998, -2.5442

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.



173.3960, 2.7628, 0.5297



173.0990, -3.4998, 2.5442



172.1780, 3.3632, -5.4181

Square

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



173.0990, -3.4998, 2.5442



171.7820, 0.6005, -5.9478



172.9010, 3.4998, -2.5442



174.2180, -0.6005, 5.9478

Rectangle

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



173.0990, -3.4998, 2.5442



172.5220, -1.7363, -3.0888



172.9010, 3.4998, -2.5442



173.5920, 2.1731, 2.9888

Sweetspot

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



173.0990, -3.4998, 2.5442



228.2560, -1.6052, 1.5295



169.3320, -0.1637, 5.8478



114.0710, -1.0210, 0.8147



242.0000, 0.0000, 0.0000



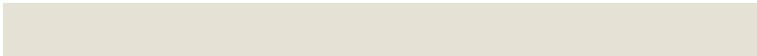
115.0000, 0.0000, 0.0000

Same Dimension

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



173.0990, -3.4998, 2.5442



225.1270, -5.9786, 4.2736



174.2620, -4.0732, -0.2298



87.0280, -2.4788, 1.7294



108.5560, -53.5181, 38.9774



18.3400, -9.0416, 6.7178

Inverse Universe

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



168.9010, 3.4998, -2.5442



217.8730, 5.9786, -4.2736



167.7380, 4.0732, 0.2298



83.9720, 2.4788, -1.7294



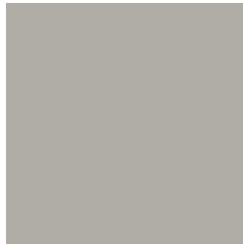
44.4440, 53.5181, -38.9774



7.6600, 9.0416, -6.7178

Previews

White Background



This preview shows how the YUV color 173.0990, -3.4998, 2.5442 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 173.0990, -3.4998, 2.5442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

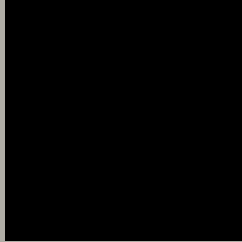
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 173.0990, -3.4998, 2.5442

Background



This preview shows how black text looks on a background with the YUV color 173.0990, -3.4998, 2.5442.



This preview shows how white text looks on a background with the YUV color 173.0990, -3.4998,

2.5442.

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

173.0990, -3.4998, 2.5442

Protanopia

173.1100, -3.5052, 4.2885

Deuteranopia

174.4750, -3.6852, 15.3694



Tritanopia

174.2870, 4.7885, 4.1333

Trichromacy



Original Color

173.0990, -3.4998, 2.5442

Protanomaly

172.8110, -3.3578, 3.6738

Deuteranomaly

173.8550, -3.3795, 10.6512

Tritanomaly

173.7770, 1.5889, 3.7036

Monochromacy



Original Color

173.0990, -3.4998, 2.5442

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

172.9570, -1.4578, 0.9147

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.0990, -3.4998, 2.5442 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(176, 173, 166)` looks like.

```
.text, #text, p{  
    color:rgb(176, 173, 166)  
}
```

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(176, 173, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 173, 166) }
```

Border

The CSS property to change the border of an element to YUV 173.0990, -3.4998, 2.5442 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(176, 173, 166) }
```


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

```
.border{ border-color:rgb(176, 173, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 173, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 173, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 173, 166);  
box-shadow:4px 4px 4px 4px rgb(176, 173,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 173.0990, -3.4998, 2.5442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 173, 166) }
```

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

```
.background{ background-color: rgb(176,  
173, 166) }
```

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