

Converting Colors

YUV(149.9750, 0.9983,
-40.3201)

Have a look what the booklet for
YUV(149.9750, 0.9983, -40.3201)
contains.

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Color

**YUV(149.9750, 0.9983,
-40.3201)**

Conversions

Conversions Part 1

Format	Color
Hex	68AD98
RGB	104, 173, 152
RGB Percent	41%, 68%, 60%
CMY	0.5922, 0.3216, 0.4039
CMYK	0.40, 0.00, 0.12, 0.32
HSL	162°, 30%, 54%
HSV	162°, 40%, 68%
XYZ	26.3200, 35.0972, 35.0930
YIQ	149.9750, -34.3830, -21.1590

Conversions

Conversions Part 2

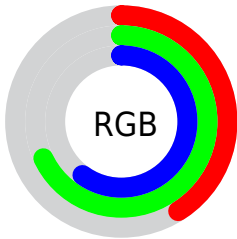
Format	Color
RYB	104, 145, 173
Decimal	6860184
CIELab	65.82, -26.79, 3.95
CIELCh	66, 27.080, 171.610
Yxy	35.0972, 0.2727, 0.3637
Android (android.graphics.Color)	4285050264 (0xFF68AD98)
YUV	149.9750, 0.9983, -40.3201
Hunter-Lab	59.2429, -24.3724, 6.3491

Details

The YUV color **149.9750, 0.9983, -40.3201** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **127.0250, -0.9983, 40.3201**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.1490, 0.4195, -41.3497**, and **97.2030, 1.8719, -40.5200** is the 20% darker color. If you saturate the color by 10%, you get **144.3220, 1.3203, -50.2714**, and if you desaturate by 10%, it is **155.6280, 0.6764, -30.3688**.

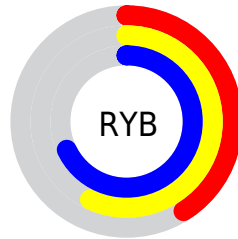
Distribution



Red (41%)

Green (68%)

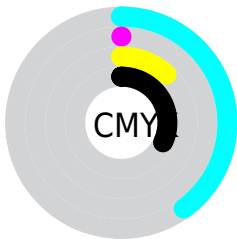
Blue (60%)



Red (41%)

Yellow (57%)

Blue (68%)

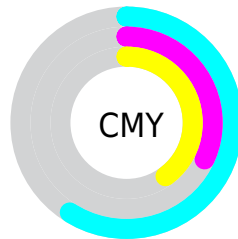


Cyan (40%)

Magenta (0%)

Yellow (12%)

Black (32%)



Cyan (59%)

Magenta (32%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.9750, 0.9983, -40.3201 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 149.9750, 0.9983, -40.3201 by changing the saturation by 10% instead.

■ 149.9750, 0.9983,
-40.3201

■ 149.9750, 0.9983,
-40.3201

■ 255.0000, 0.0000,
0.0000

■ 123.3880, 1.2877,
-39.8053

■ 205.1490, 0.4195,
-41.3497

■ 97.2030, 1.8719,
-40.5200

■ 231.9750, 0.9983,
-40.3201

■ 71.1210, 2.8983,
-43.0791

■ 242.7410, 6.0437,
-25.2059

■ 47.8330, 3.0403,
-41.9495

■ 251.4120, 1.7689,
-7.3773

■ 31.9380, 0.5236,
-28.0096

■ 18.1630, -4.0244,
-15.9290

■ 0.0000, 0.0000,

0.0000

■ 149.9750, 0.9983,
-40.3201

■ 149.9750, 0.9983,
-40.3201

■ 144.3220, 1.3203,
-50.2714

■ 155.6280, 0.6764,
-30.3688

■ 138.2560, 1.3528,
-60.7375

■ 161.6940, 0.6439,
-19.9026

■ 132.6030, 1.6747,
-70.6888

■ 167.3470, 0.3219,
-9.9513

■ 126.9500, 1.9967,
-80.6401

■ 173.0000, 0.0000,
0.0000

■ 121.2970, 2.3186,
-90.5915

■ 178.9520, -0.4693,
10.5661

■ 115.2310, 2.3511,
-101.0576

■ 184.7190, -0.3545,
20.4174

■ 190.3720, -0.6764,
30.3688

■ 196.0250, -0.9983,
40.3201

■ 200.4820, -0.7306,
47.8123

Harmonies

Analogous

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



153.6650, -12.1598, -19.8772



149.9750, 0.9983, -40.3201



147.4430, 14.5716, -53.8855

Triad

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



149.9750, 0.9983, -40.3201



160.9880, 21.6979, -6.1285



160.9970, -18.7325, 35.0826

Complementary

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



149.9750, 0.9983, -40.3201



127.0250, -0.9983, 40.3201

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.



162.7340, -9.7289, 40.5753



149.9750, 0.9983, -40.3201



163.5520, 13.0389, 17.9329

Square

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



149.9750, 0.9983, -40.3201



155.4470, 25.4156, -31.9640



163.7900, 2.0755, 34.3872



159.3560, -23.3465, 21.6128

Rectangle

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



149.9750, 0.9983, -40.3201



148.4520, 20.9762, -54.7704



163.7900, 2.0755, 34.3872



161.7030, -16.1226, 37.9715

Sweetspot

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



149.9750, 0.9983, -40.3201



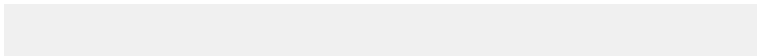
215.0150, 0.4856, -15.7992



151.0810, -23.2109, -21.9960



106.6460, 0.1745, -9.3365



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



149.9750, 0.9983, -40.3201



188.3590, 1.7950, -62.5818



144.7380, 13.9332, -35.7272



83.9670, 0.0163, -5.2331



100.0200, 2.4551, -87.7175



15.3250, 0.3328, -13.4400

Inverse Universe

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



127.0250, -0.9983, 40.3201



152.6410, -1.7950, 62.5818



132.2620, -13.9332, 35.7272



81.0330, -0.0163, 5.2331



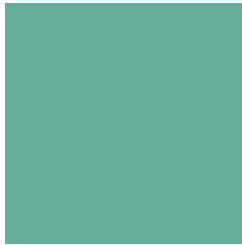
50.0940, -2.0183, 87.6176



7.6750, -0.3328, 13.4400

Previews

White Background



This preview shows how the YUV color 149.9750, 0.9983, -40.3201 looks on a white background.

Color Contrast Check

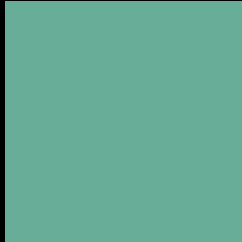
Large Text (above 18pt) WCAG AA × Fail

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 149.9750, 0.9983, -40.3201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

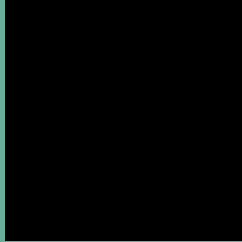
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 149.9750, 0.9983, -40.3201

Background



This preview shows how black text looks on a background with the YUV color 149.9750, 0.9983, -40.3201.



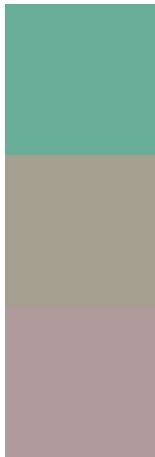
This preview shows how white text looks on a background with the YUV color 149.9750, 0.9983, -40.3201.

-40.3201.

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

149.9750, 0.9983, -40.3201

Protanopia

159.0840, -7.4364, 5.1883

Deuteranopia

160.8060, -2.3694, 13.3251



Tritanopia

153.4390, 14.0806, -36.3420

Trichromacy



Original Color

149.9750, 0.9983, -40.3201

Protanomaly

155.7830, -4.3300, -11.2107

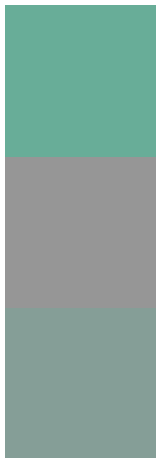
Deuteranomaly

157.0270, -0.9993, -6.1627

Tritanomaly

151.8750, 9.4286, -37.6014

Monochromacy



Original Color

149.9750, 0.9983, -40.3201

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

149.7270, 0.6276, -14.6696

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.9750, 0.9983, -40.3201 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(104, 173, 152)` looks like.

```
.text, #text, p{  
    color:rgb(104, 173, 152)  
}
```

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(104, 173, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 173, 152) }
```

Border

The CSS property to change the border of an element to YUV 149.9750, 0.9983, -40.3201 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(104, 173, 152) }
```


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

```
.border{ border-color:rgb(104, 173, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 173, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 173, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 173, 152);  
box-shadow:4px 4px 4px 4px rgb(104, 173,  
152) }
```

Background

The CSS property to change the background color of an element to YUV 149.9750, 0.9983, -40.3201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 173, 152) }
```

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

```
.background{ background-color: rgb(104,  
173, 152) }
```

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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