

Converting Colors

YUV(149.0290, 2.4507,
-39.4904)

Have a look what the booklet for
YUV(149.0290, 2.4507, -39.4904)
contains.

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Color

**YUV(149.0290, 2.4507,
-39.4904)**

Conversions

Conversions Part 1

Format	Color
Hex	68AB9A
RGB	104, 171, 154
RGB Percent	41%, 67%, 60%
CMY	0.5922, 0.3294, 0.3961
CMYK	0.39, 0.00, 0.10, 0.33
HSL	165°, 29%, 54%
HSV	165°, 39%, 67%
XYZ	26.1046, 34.4020, 35.8362
YIQ	149.0290, -34.4750, -19.4910

Conversions

Conversions Part 2

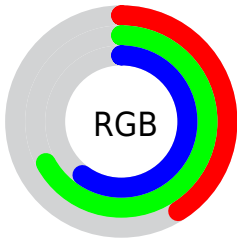
Format	Color
RYB	104, 142, 171
Decimal	6859674
CIELab	65.28, -25.34, 2.05
CIElCh	65, 25.420, 175.369
Yxy	34.4020, 0.2710, 0.3571
Android (android.graphics.Color)	4285049754 (0xFF68AB9A)
YUV	149.0290, 2.4507, -39.4904
Hunter-Lab	58.6532, -23.1987, 4.8319

Details

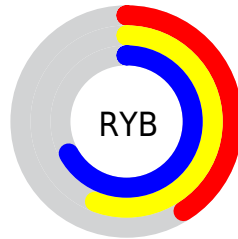
The YUV color **149.0290, 2.4507, -39.4904** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **125.9710, -2.4507, 39.4904**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.2030, 1.8719, -40.5200**, and **96.2570, 3.3243, -39.6904** is the 20% darker color. If you saturate the color by 10%, you get **143.4900, 3.2094, -49.5417**, and if you desaturate by 10%, it is **154.5680, 1.6920, -29.4391**.

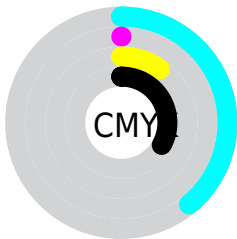
Distribution



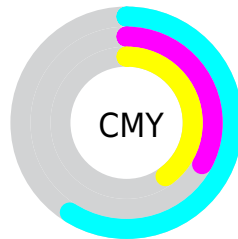
- Red (41%)
- Green (67%)
- Blue (60%)



- Red (41%)
- Yellow (56%)
- Blue (67%)



- Cyan (39%)
- Magenta (0%)
- Yellow (10%)
- Black (33%)



- Cyan (59%)
- Magenta (33%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.0290, 2.4507, -39.4904 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 149.0290, 2.4507, -39.4904 by changing the saturation by 10% instead.

■ 149.0290, 2.4507,
-39.4904

■ 149.0290, 2.4507,
-39.4904

■ 255.0000, 0.0000,
0.0000

■ 122.4420, 2.7401,
-38.9756

■ 204.2030, 1.8719,
-40.5200

■ 96.2570, 3.3243,
-39.6904

■ 232.3170, 2.3087,
-40.6200

■ 70.1750, 4.3507,
-42.2495

■ 242.7410, 6.0437,
-25.2059

■ 46.8870, 4.4927,
-41.1199

■ 251.4120, 1.7689,
-7.3773

■ 31.5790, 1.6866,
-27.6948

■ 17.3310, -2.1352,
-15.1993

■ 0.0000, 0.0000,

0.0000

■ 149.0290, 2.4507,
-39.4904

■ 149.0290, 2.4507,
-39.4904

■ 143.4900, 3.2094,
-49.5417

■ 154.5680, 1.6920,
-29.4391

■ 137.8370, 3.5314,
-59.4930

■ 160.2210, 1.3700,
-19.4878

■ 132.2980, 4.2901,
-69.5443

■ 165.7600, 0.6113,
-9.4365

■ 126.7590, 5.0488,
-79.5956

■ 171.2990, -0.1474,
0.6148

■ 120.8070, 5.5181,
-90.1617

■ 176.9520, -0.4693,
10.5661

■ 115.2680, 6.2769,
-100.2130

■ 182.7900, -1.3755,
21.2322

■ 114.9690, 6.4243,
-100.8278

■ 188.3290, -2.1342,
31.2835

■ 193.9820, -2.4561,
41.2348

■ 198.6240, -2.7726,
49.4418

Harmonies

Analogous

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



151.9360, -9.8284, -20.9919



149.0290, 2.4507, -39.4904



147.4650, 14.5608, -50.3968

Triad

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



149.0290, 2.4507, -39.4904



160.0270, 19.2137, -2.6547



159.3880, -18.4323, 32.1087

Complementary

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



149.0290, 2.4507, -39.4904



125.9710, -2.4507, 39.4904

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.



160.8970, -10.3022, 37.8013



149.0290, 2.4507, -39.4904



161.8080, 11.4337, 19.4624

Square

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



149.0290, 2.4507, -39.4904



155.6110, 23.3628, -26.8458



162.0350, 0.4757, 34.1723



157.6760, -22.0253, 17.8241

Rectangle

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



149.0290, 2.4507, -39.4904



148.3710, 20.5231, -49.4374



162.0350, 0.4757, 34.1723



159.9800, -16.2591, 35.0975

Sweetspot

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



149.0290, 2.4507, -39.4904



213.1290, 0.9224, -15.8991



148.7110, -22.0425, -23.4255



106.7600, 0.6113, -9.4365



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.



149.0290, 2.4507, -39.4904



187.8260, 3.5368, -61.2374



141.5750, 14.5065, -32.9533



84.0810, 0.4531, -5.3330



100.8180, 5.5127, -88.4174



15.4390, 0.7696, -13.5400

Inverse Universe

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



125.9710, -2.4507, 39.4904



152.0600, -3.9736, 61.3374



133.4250, -14.5065, 32.9533



80.9190, -0.4531, 5.3330



49.1820, -5.5127, 88.4174



7.5610, -0.7696, 13.5400

Previews

White Background



This preview shows how the YUV color 149.0290, 2.4507, -39.4904 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 149.0290, 2.4507, -39.4904 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

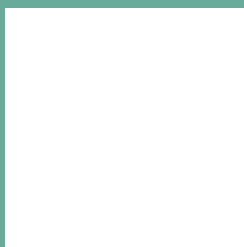
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 149.0290, 2.4507, -39.4904

Background



This preview shows how black text looks on a background with the YUV color 149.0290, 2.4507, -39.4904.



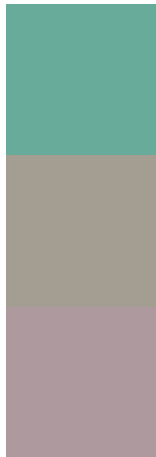
This preview shows how white text looks on a background with the YUV color 149.0290, 2.4507,

-39.4904.

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

149.0290, 2.4507, -39.4904

Protanopia

157.5400, -5.6892, 4.7884

Deuteranopia

159.5500, -0.7641, 11.7957



Tritanopia

151.8520, 14.3700, -35.8272

Trichromacy



Original Color

149.0290, 2.4507, -39.4904

Protanomaly

154.5380, -2.7302, -10.9958

Deuteranomaly

156.0700, 0.4585, -7.0774

Tritanomaly

150.4020, 10.1548, -37.1866

Monochromacy



Original Color

149.0290, 2.4507, -39.4904

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

149.1400, 0.9170, -14.1548

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.0290, 2.4507, -39.4904 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, 171, 154)` looks like.

```
.text, #text, p{  
    color:rgb(104, 171, 154)  
}
```

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, 171, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 171, 154) }
```

Border

The CSS property to change the border of an element to YUV 149.0290, 2.4507, -39.4904 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, 171, 154) }
```


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

```
.border{ border-color:rgb(104, 171, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 171, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(104, 171, 154); -webkit-box-shadow:4px 4px 4px 4px rgb(104, 171, 154); box-shadow:4px 4px 4px 4px rgb(104, 171, 154) }
```

Background

The CSS property to change the background color of an element to YUV 149.0290, 2.4507, -39.4904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 171, 154) }
```

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

```
.background{ background-color: rgb(104,  
171, 154) }
```

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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