

Converting Colors

YUV(149.0010, 4.9295,
-41.2199)

Have a look what the booklet for
YUV(149.0010, 4.9295, -41.2199)
contains.

YUV(149.0010, 4.9295, -41.2199)	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(149.0010, 4.9295,
-41.2199)**

Conversions

Conversions Part 1

Format	Color
Hex	66AB9F
RGB	102, 171, 159
RGB Percent	40%, 67%, 62%
CMY	0.6000, 0.3294, 0.3765
CMYK	0.40, 0.00, 0.07, 0.33
HSL	170°, 29%, 54%
HSV	170°, 40%, 67%
XYZ	26.3004, 34.4538, 38.0650
YIQ	149.0010, -37.2720, -18.3600

Conversions

Conversions Part 2

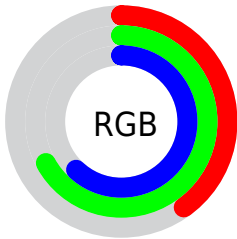
Format	Color
RYB	102, 140, 171
Decimal	6728607
CIELab	65.32, -24.70, -0.68
CIELCh	65, 24.712, 181.583
Yxy	34.4538, 0.2661, 0.3487
Android (android.graphics.Color)	4284918687 (0xFF66AB9F)
YUV	149.0010, 4.9295, -41.2199
Hunter-Lab	58.6974, -22.7403, 2.6389

Details

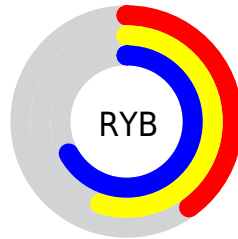
The YUV color **149.0010, 4.9295, -41.2199** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **123.9990, -4.9295, 41.2199**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.2890, 4.7875, -42.3495**, and **96.2290, 5.8031, -41.4198** is the 20% darker color. If you saturate the color by 10%, you get **143.5760, 6.1250, -51.3712**, and if you desaturate by 10%, it is **154.4260, 3.7340, -31.0686**.

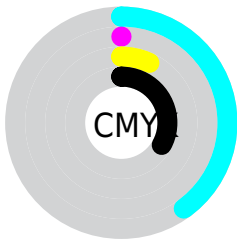
Distribution



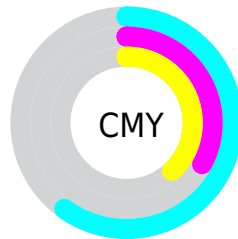
- Red (40%)
- Green (67%)
- Blue (62%)



- Red (40%)
- Yellow (55%)
- Blue (67%)



- Cyan (40%)
- Magenta (0%)
- Yellow (7%)
- Black (33%)



- Cyan (60%)
- Magenta (33%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.0010, 4.9295, -41.2199 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 149.0010, 4.9295, -41.2199 by changing the saturation by 10% instead.

■ 149.0010, 4.9295,
-41.2199

■ 149.0010, 4.9295,
-41.2199

■ 255.0000, 0.0000,
0.0000

■ 122.1150, 5.3663,
-41.3199

■ 204.2890, 4.7875,
-42.3495

■ 96.2290, 5.8031,
-41.4198

■ 232.2890, 4.7875,
-42.3495

■ 69.1360, 6.8350,
-45.7233

■ 242.1430, 6.3385,
-26.4354

■ 47.3430, 6.2399,
-41.5198

■ 251.1130, 1.9163,
-7.9921

■ 32.0350, 3.4337,
-28.0947

■ 18.4880, -0.2406,
-16.2140

■ 0.0000, 0.0000,

0.0000

■ 149.0010, 4.9295,
-41.2199

■ 149.0010, 4.9295,
-41.2199

■ 143.5760, 6.1250,
-51.3712

■ 154.4260, 3.7340,
-31.0686

■ 138.1510, 7.3206,
-61.5224

■ 159.8510, 2.5385,
-20.9173

■ 132.7260, 8.5161,
-71.6737

■ 165.2760, 1.3429,
-10.7661

■ 127.3010, 9.7116,
-81.8250

■ 170.7010, 0.1474,
-0.6148

■ 121.8760, 10.9071,
-91.9763

■ 176.1260, -1.0481,
9.5365

■ 116.4510, 12.1027,
-102.1275

■ 181.8500, -2.3910,
20.3026

■ 187.2750, -3.5866,
30.4538

■ 192.7000, -4.7821,
40.6051

■ 197.8260, -5.8302,
50.1416

Harmonies

Analogous

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



151.8970, -7.3442, -24.4657



149.0010, 4.9295, -41.2199



147.9320, 16.3025, -49.0524

Triad

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



149.0010, 4.9295, -41.2199



160.6040, 17.4502, 2.9783



159.1380, -19.2950, 28.8200

Complementary

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



149.0010, 4.9295, -41.2199



123.9990, -4.9295, 41.2199

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.



160.7290, -12.1914, 37.0717



149.0010, 4.9295, -41.2199



162.4340, 8.6600, 22.4214

Square

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



149.0010, 4.9295, -41.2199



156.7150, 22.3255, -20.7981



161.7640, -1.8557, 35.2870



157.7680, -21.5776, 14.2355

Rectangle

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



149.0010, 4.9295, -41.2199



149.8060, 20.8016, -45.4339



161.7640, -1.8557, 35.2870



160.0290, -17.2693, 32.4236

Sweetspot

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



149.0010, 4.9295, -41.2199



213.3570, 1.7960, -16.0991



146.3900, -21.8843, -27.5290



106.8740, 1.0481, -9.5365



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.



149.0010, 4.9295, -41.2199



187.8410, 7.4734, -63.8816



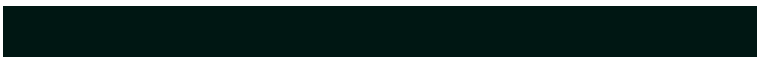
137.4550, 16.5377, -31.0940



84.0810, 0.4531, -5.3330



102.1860, 10.7543, -89.6171



15.6670, 1.6432, -13.7400

Inverse Universe

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



123.9990, -4.9295, 41.2199



149.1590, -7.4734, 63.8816



135.5450, -16.5377, 31.0940



80.9190, -0.4531, 5.3330



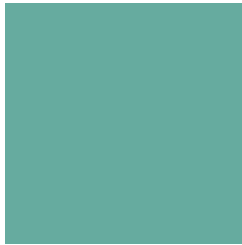
47.8140, -10.7543, 89.6171



7.3330, -1.6432, 13.7400

Previews

White Background



This preview shows how the YUV color 149.0010, 4.9295, -41.2199 looks on a white background.

Color Contrast Check

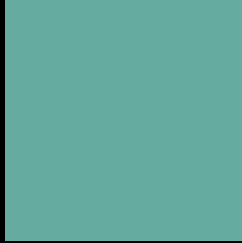
Large Text (above 18pt) WCAG AA × Fail

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 149.0010, 4.9295, -41.2199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

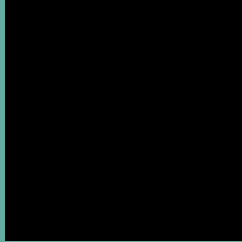
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 149.0010, 4.9295, -41.2199

Background



This preview shows how black text looks on a background with the YUV color 149.0010, 4.9295, -41.2199.



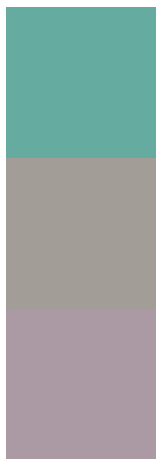
This preview shows how white text looks on a background with the YUV color 149.0010, 4.9295, -41.2199.

-41.2199.

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

149.0010, 4.9295, -41.2199

Protanopia

157.8110, -3.3578, 3.6738

Deuteranopia

159.5220, 1.7147, 10.0662



Tritanopia

151.5420, 14.5228, -38.1863

Trichromacy



Original Color

149.0010, 4.9295, -41.2199

Protanomaly

154.5100, -0.2514, -12.7253

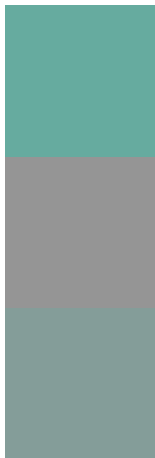
Deuteranomaly

156.0420, 2.9373, -8.8068

Tritanomaly

150.6190, 11.0338, -39.1309

Monochromacy



Original Color

149.0010, 4.9295, -41.2199

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

149.0690, 1.9380, -14.9695

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.0010, 4.9295, -41.2199 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(102, 171, 159)` looks like.

```
.text, #text, p{  
    color:rgb(102, 171, 159)  
}
```

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(102, 171, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 171, 159) }
```

Border

The CSS property to change the border of an element to YUV 149.0010, 4.9295, -41.2199 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(102, 171, 159) }
```


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

```
.border{ border-color:rgb(102, 171, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 171, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 171, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 171, 159);  
box-shadow:4px 4px 4px 4px rgb(102, 171,  
159) }
```

Background

The CSS property to change the background color of an element to YUV 149.0010, 4.9295, -41.2199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 171, 159) }
```

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

```
.background{ background-color: rgb(102,  
171, 159) }
```

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