

Converting Colors

YUV(149.4300, -2.1840, 0.4999)

Have a look what the booklet for
YUV(149.4300, -2.1840, 0.4999)
contains.

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Color

**YUV(149.4300, -2.1840,
0.4999)**

Conversions

Conversions Part 1

Format	Color
Hex	969691
RGB	150, 150, 145
RGB Percent	59%, 59%, 57%
CMY	0.4118, 0.4118, 0.4314
CMYK	0.00, 0.00, 0.03, 0.41
HSL	60°, 2%, 58%
HSV	60°, 3%, 59%
XYZ	28.5949, 30.3411, 31.1374
YIQ	149.4300, 1.6050, -1.5550

Conversions

Conversions Part 2

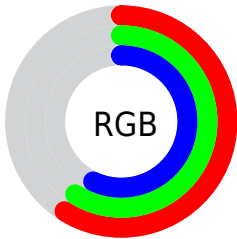
Format	Color
R_{YB}	145, 150, 145
Decimal	9868945
CIE Lab	61.95, -0.95, 2.63
CIE LCh	62, 2.792, 109.850
Yxy	30.3411, 0.3175, 0.3368
Android (android.graphics.Color)	4288059025 (0xFF969691)
YUV	149.4300, -2.1840, 0.4999
Hunter-Lab	55.0827, -3.7308, 5.0422

Details

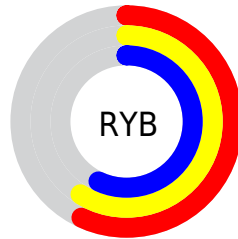
The YUV color $149.4300, -2.1840, 0.4999$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $145.5700, 2.1840, -0.4999$, and the grayscale version is $149.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $203.4300, -2.1840, 0.4999$, and $98.5440, -1.7472, 0.3999$ is the 20% darker color. If you saturate the color by 10%, you get $147.7200, -8.7360, 1.9996$, and if you desaturate by 10%, it is $151.1400, 4.3680, -0.9998$.

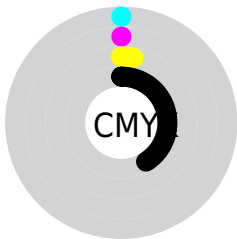
Distribution



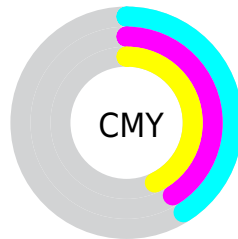
- Red (59%)
- Green (59%)
- Blue (57%)



- Red (57%)
- Yellow (59%)
- Blue (57%)



- Cyan (0%)
- Magenta (0%)
- Yellow (3%)
- Black (41%)



- Cyan (41%)
- Magenta (41%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.4300, -2.1840, 0.4999 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 149.4300, -2.1840, 0.4999 by changing the saturation by 10% instead.

■ 149.4300, -2.1840,
0.4999

■ 149.4300, -2.1840,
0.4999

255.0000, 0.0000,
0.0000

■ 123.4300, -2.1840,
0.4999

■ 203.4300, -2.1840,
0.4999

■ 98.5440, -1.7472,
0.3999

■ 231.4300, -2.1840,
0.4999

■ 74.5440, -1.7472,
0.3999

■ 52.5440, -1.7472,
0.3999

■ 31.5440, -1.7472,
0.3999

■ 7.2020, -3.0576,
0.6998

■ 0.0000, 0.0000,

0.0000

■ 149.4300, -2.1840,
0.4999

■ 149.4300, -2.1840,
0.4999

■ 147.7200, -8.7360,
1.9996

■ 151.1400, 4.3680,
-0.9998

■ 146.0100,
-15.2879, 3.4992

■ 152.8500, 10.9200,
-2.4994

■ 144.3000,
-21.8399, 4.9989

■ 154.5600, 17.4719,
-3.9991

■ 142.5900,
-28.3919, 6.4986

■ 156.2700, 24.0239,
-5.4988

■ 140.8800,
-34.9438, 7.9982

■ 157.9800, 30.5759,
-6.9985

■ 139.1700,
-41.4958, 9.4979

■ 159.6900, 37.1278,
-8.4981

■ 137.4600,
-48.0478, 10.9976

■ 161.4000, 43.6798,
-9.9978

■ 135.7500,
-54.5998, 12.4972

■ 161.9700, 45.8638,
-10.4977

■ 134.0400,
-61.1517, 13.9969

Harmonies

Analogous

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



149.7400, -2.3368, 2.8590



149.4300, -2.1840, 0.4999



149.2340, -1.5944, -1.9592

Triad

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



149.4300, -2.1840, 0.4999



149.1350, 1.9054, -4.5034



150.1360, 0.4260, 3.3887

Complementary

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



149.4300, -2.1840, 0.4999



145.5700, 2.1840, -0.4999

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.



150.3530, 1.3050, 1.4444



149.4300, -2.1840, 0.4999



149.2600, 2.3368, -2.8590

Square

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



149.4300, -2.1840, 0.4999



148.9070, 1.0318, -4.3034



149.5700, 2.1840, -0.4999



150.0930, -1.0318, 4.3034

Rectangle

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



149.4300, -2.1840, 0.4999



148.8640, -0.4260, -3.3887



149.5700, 2.1840, -0.4999



150.1360, 0.4260, 3.3887

Sweetspot

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



149.4300, -2.1840, 0.4999



193.7720, -0.8736, 0.2000



146.4950, -0.7370, 3.0739



96.8860, -0.4368, 0.1000



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



149.4300, -2.1840, 0.4999



193.0880, -3.4944, 0.7998



148.5330, -1.7418, -1.3444



73.5440, -1.7472, 0.3999



122.2680, -60.2781, 13.7970



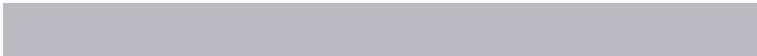
8.8600, -4.3680, 0.9998

Inverse Universe

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



145.5700, 2.1840, -0.4999



186.9120, 3.4944, -0.7998



146.1680, 1.8892, 0.7297



70.4560, 1.7472, -0.3999



15.7320, 60.2781, -13.7970



1.1400, 4.3680, -0.9998

Previews

White Background



This preview shows how the YUV color 149.4300, -2.1840, 0.4999 looks on a white background.

Color Contrast Check

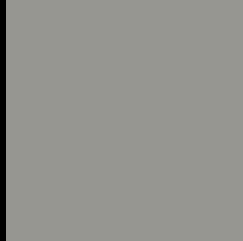
Large Text (above 18pt) WCAG AA × Fail

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 149.4300, -2.1840, 0.4999 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

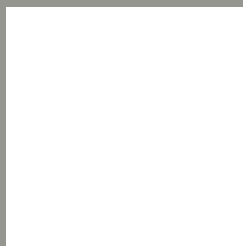
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 149.4300, -2.1840, 0.4999

Background



This preview shows how black text looks on a background with the YUV color 149.4300, -2.1840, 0.4999.



This preview shows how white text looks on a background with the YUV color 149.4300, -2.1840,

0.4999.

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

149.4300, -2.1840, 0.4999

Protanopia

149.6260, -2.7736, 2.9590

Deuteranopia

151.0940, -2.5113, 12.1956



Tritanopia

150.4500, 4.2152, 1.3594

Trichromacy



Original Color

149.4300, -2.1840, 0.4999

Protanomaly

149.3270, -2.6262, 2.3442

Deuteranomaly

150.7730, -2.3531, 8.0921

Tritanomaly

150.1680, 1.8892, 0.7297

Monochromacy



Original Color

149.4300, -2.1840, 0.4999

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

148.8860, -0.4368, 0.1000

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.4300, -2.1840, 0.4999 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(150, 150, 145)` looks like.

```
.text, #text, p{  
    color:rgb(150, 150, 145)  
}
```

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(150, 150, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 150, 145) }
```

Border

The CSS property to change the border of an element to YUV 149.4300, -2.1840, 0.4999 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(150, 150, 145) }
```


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

```
.border{ border-color:rgb(150, 150, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 150, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 150, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 150, 145);  
box-shadow:4px 4px 4px 4px rgb(150, 150,  
145) }
```

Background

The CSS property to change the background color of an element to YUV 149.4300, -2.1840, 0.4999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 150, 145) }
```

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

```
.background{ background-color: rgb(150,  
150, 145) }
```

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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