

Converting Colors

YUV(149.5620, -2.2491,
21.4321)

Have a look what the booklet for
YUV(149.5620, -2.2491, 21.4321)
contains.

| | |
|--|----|
| YUV(149.5620, -2.2491, 21.4321) | 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(149.5620, -2.2491,
21.4321)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | AE8A91 |
| RGB | 174, 138, 145 |
| RGB Percent | 68%, 54%, 57% |
| CMY | 0.3176, 0.4588, 0.4314 |
| CMYK | 0.00, 0.21, 0.17, 0.32 |
| HSL | 348°, 18%, 61% |
| HSV | 348°, 21%, 68% |
| XYZ | 31.6549, 29.2200, 30.7597 |
| YIQ | 149.5620, 19.2090, 9.8090 |

Conversions

Conversions Part 2

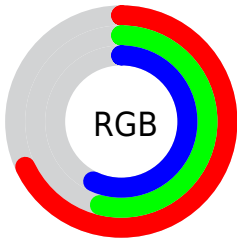
| Format | Color |
|-------------------------------------|--|
| RYB | 174, 138, 145 |
| Decimal | 11438737 |
| CIELab | 60.98, 14.79, 1.48 |
| CIElCh | 61, 14.865, 5.732 |
| Yxy | 29.2200, 0.3454, 0.3189 |
| Android (android.graphics.Color) | 4289628817 (0xFFAE8A91) |
| YUV | 149.5620, -2.2491, 21.4321 |
| Hunter-Lab | 54.0555, 9.9324, 4.1005 |

Details

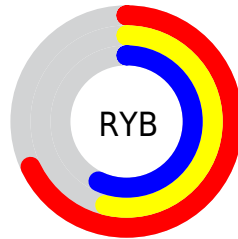
The YUV color $149.5620, -2.2491, 21.4321$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $162.4380, 2.2491, -21.4321$, and the grayscale version is $150.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $204.1600, -2.5439, 22.6617$, and $98.6650, -1.8068, 19.5878$ is the 20% darker color. If you saturate the color by 10%, you get $137.9870, -3.4446, 31.5834$, and if you desaturate by 10%, it is $161.1370, -1.0535, 11.2809$.

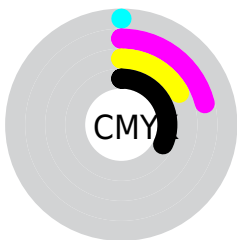
Distribution



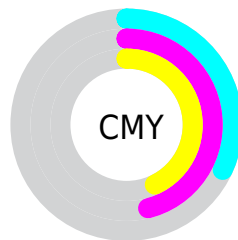
- Red (68%)
- Green (54%)
- Blue (57%)



- Red (68%)
- Yellow (54%)
- Blue (57%)



- Cyan (0%)
- Magenta (21%)
- Yellow (17%)
- Black (32%)





- Cyan (32%)
- Magenta (46%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.5620, -2.2491, 21.4321 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 149.5620, -2.2491, 21.4321 by changing the saturation by 10% instead.


 149.5620, -2.2491,
21.4321


 149.5620, -2.2491,
21.4321


255.0000, 0.0000,
0.0000


 123.2630, -2.1017,
20.8173


 204.1600, -2.5439,
22.6617


 98.6650, -1.8068,
19.5878


 230.6760, -1.8123,
21.3321

 74.3660, -1.6594,
18.9730

 250.8910, 2.0257,
3.6036

 51.7680, -1.3646,
17.7435

 29.8710, -0.9224,
15.8991

 9.0840, -3.9854,
18.3433

 0.0000, 0.0000,

0.0000

■ 149.5620, -2.2491,
21.4321

■ 149.5620, -2.2491,
21.4321

■ 137.9870, -3.4446,
31.5834

■ 161.1370, -1.0535,
11.2809

■ 125.8250, -4.3507,
42.2495

■ 173.2990, -0.1474,
0.6148

■ 114.2500, -5.5462,
52.4008

■ 184.8740, 1.0481,
-9.5365

■ 102.0880, -6.4524,
63.0668

■ 197.0360, 1.9543,
-20.2026

■ 90.5130, -7.6479,
73.2181

■ 208.6110, 3.1498,
-30.3538

■ 78.9380, -8.8434,
83.3694

■ 220.1860, 4.3453,
-40.5051

■ 66.7760, -9.7496,
94.0354

■ 229.4130, 6.6984,
-48.5972

■ 55.9020, -10.7977,
103.5719

■ 230.7810, 11.9400,
-49.7969

Harmonies

Analogous

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



149.5380, 4.1718, 15.3142



149.5620, -2.2491, 21.4321



148.6670, -8.2168, 22.2170

Triad

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



149.5620, -2.2491, 21.4321



144.8610, -9.2985, -4.2631



144.3100, 13.1582, -20.4429

Complementary

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



149.5620, -2.2491, 21.4321



162.4380, 2.2491, -21.4321

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.



142.6530, 9.5381, -26.0057



149.5620, -2.2491, 21.4321



143.5760, -3.7350, -15.4142

Square

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



149.5620, -2.2491, 21.4321



146.4280, -12.5360, 7.5176



142.3560, 3.2755, -23.9912



146.6750, 12.9782, -9.3620

Rectangle

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



149.5620, -2.2491, 21.4321



147.9610, -10.8268, 19.3282



142.3560, 3.2755, -23.9912



143.3590, 12.1480, -23.1168

Sweetspot

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



149.5620, -2.2491, 21.4321



217.5280, -0.7533, 8.3069



150.7750, 11.4499, 14.2293



109.5060, -0.7425, 4.8182



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.



149.5620, -2.2491, 21.4321



188.2970, -3.5974, 33.9425



155.2210, -8.4900, 16.4692



80.9190, -0.4531, 5.3330



48.1560, -9.4439, 89.3172



7.3330, -1.6432, 13.7400

Inverse Universe

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



149.5620, -2.2491, 21.4321



188.2970, -3.5974, 33.9425



156.7790, 8.4900, -16.4692



80.9190, -0.4531, 5.3330



48.1560, -9.4439, 89.3172



7.3330, -1.6432, 13.7400

Previews

White Background



This preview shows how the YUV color 149.5620, -2.2491, 21.4321 looks on a white background.

Color Contrast Check

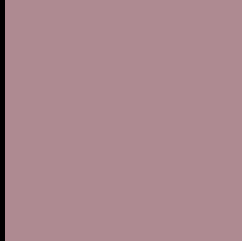
Large Text (above 18pt) WCAG AA ✓ Pass

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 149.5620, -2.2491, 21.4321 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

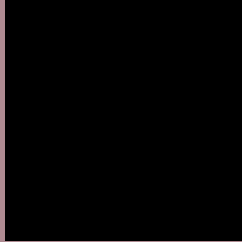
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 149.5620, -2.2491, 21.4321 Background



This preview shows how black text looks on a background with the YUV color 149.5620, -2.2491, 21.4321.



This preview shows how white text looks on a background with the YUV color 149.5620, -2.2491,

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

149.5620, -2.2491, 21.4321

Protanopia

147.9400, 1.0156, 0.9296

Deuteranopia

149.0940, -2.5113, 12.1956



Tritanopia

149.3170, -0.6493, 21.6470

Trichromacy



Original Color

149.5620, -2.2491, 21.4321

Protanomaly

148.6420, -0.3165, 8.2070

Deuteranomaly

149.1160, -2.5222, 15.6843

Tritanomaly

149.2030, -1.0861, 21.7470

Monochromacy



Original Color

149.5620, -2.2491, 21.4321

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

150.1150, -1.0427, 7.7921

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.5620, -2.2491, 21.4321 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(174, 138, 145)` looks like.

```
.text, #text, p{  
    color:rgb(174, 138, 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(174, 138, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 138, 145) }
```

Border

The CSS property to change the border of an element to YUV 149.5620, -2.2491, 21.4321 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(174, 138, 145) }
```


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

```
.border{ border-color:rgb(174, 138, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 138, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(174, 138, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(174, 138, 145); box-shadow:4px 4px 4px 4px rgb(174, 138, 145) }
```

Background

The CSS property to change the background color of an element to YUV 149.5620, -2.2491, 21.4321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 138, 145) }
```

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

```
.background{ background-color: rgb(174,  
138, 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](#).

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