

Converting Colors

YUV(149.8310, 3.0413, 4.5332)

Have a look what the booklet for
YUV(149.8310, 3.0413, 4.5332)
contains.

YUV(149.8310, 3.0413, 4.5332)	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(149.8310, 3.0413,
4.5332)**

Conversions

Conversions Part 1

Format	Color
Hex	9B929C
RGB	155, 146, 156
RGB Percent	61%, 57%, 61%
CMY	0.3922, 0.4275, 0.3882
CMYK	0.01, 0.06, 0.00, 0.39
HSL	294°, 5%, 59%
HSV	294°, 6%, 61%
XYZ	29.7972, 29.9266, 35.6584
YIQ	149.8310, 2.1540, 5.0180

Conversions

Conversions Part 2

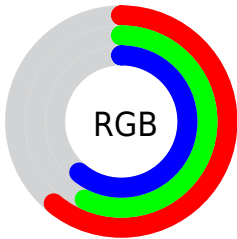
Format	Color
RYB	155, 146, 156
Decimal	10195612
CIELab	61.59, 5.22, -4.08
CIELCh	62, 6.626, 321.988
Yxy	29.9266, 0.3124, 0.3138
Android (android.graphics.Color)	4288385692 (0xFF9B929C)
YUV	149.8310, 3.0413, 4.5332
Hunter-Lab	54.7052, 1.4924, -0.3532

Details

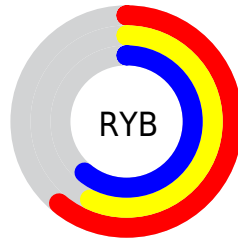
The YUV color **149.8310, 3.0413, 4.5332** is a light color, and the websafe version is hex **999999**. A complement of this color would be **152.1690, -3.0413, -4.5332**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.8310, 3.0413, 4.5332**, and **99.4180, 2.7519, 4.0184** is the 20% darker color. If you saturate the color by 10%, you get **139.8410, 7.9664, 11.5404**, and if you desaturate by 10%, it is **159.8210, -1.8838, -2.4740**.

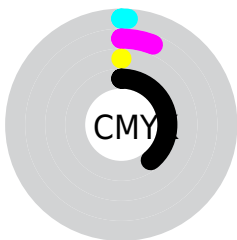
Distribution



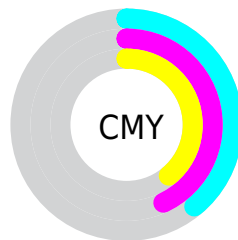
- Red (61%)
- Green (57%)
- Blue (61%)



- Red (61%)
- Yellow (57%)
- Blue (61%)



- Cyan (1%)
- Magenta (6%)
- Yellow (0%)
- Black (39%)



- Cyan (39%)
- Magenta (43%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.8310, 3.0413, 4.5332 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 149.8310, 3.0413, 4.5332 by changing the saturation by 10% instead.

■ 149.8310, 3.0413,
4.5332

■ 149.8310, 3.0413,
4.5332

255.0000, 0.0000,
0.0000

■ 123.8310, 3.0413,
4.5332

■ 203.8310, 3.0413,
4.5332

■ 99.4180, 2.7519,
4.0184

■ 232.2440, 3.3307,
5.0480

■ 75.4180, 2.7519,
4.0184

■ 52.4180, 2.7519,
4.0184

■ 31.0050, 2.4625,
3.5036

■ 7.0700, 3.9095,
6.0776

■ 0.0000, 0.0000,

0.0000

■ 149.8310, 3.0413,
4.5332

■ 149.8310, 3.0413,
4.5332

■ 139.8410, 7.9664,
11.5404

■ 159.8210, -1.8838,
-2.4740

■ 130.7370, 12.4547,
18.6477

■ 168.9250, -6.3720,
-9.5812

■ 120.7470, 17.3797,
25.6549

■ 178.9150,
-11.2971, -16.5885

■ 111.6430, 21.8680,
32.7621

■ 188.0190,
-15.7854, -23.6957

■ 101.6530, 26.7931,
39.7693

■ 198.0090,
-20.7104, -30.7029

■ 91.9620, 31.5707,
47.3913

■ 207.7000,
-25.4881, -38.3249

■ 82.5590, 36.2064,
53.8838

■ 217.1030,
-30.1238, -44.8173

■ 72.8680, 40.9841,
61.5058

■ 217.4020,
-30.2712, -44.2026

■ 63.4650, 45.6198,
67.9982

■ 218.0000,
-30.5660, -42.9730

Harmonies

Analogous

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



149.3680, 5.2416, -1.1997



149.8310, 3.0413, 4.5332



150.1690, 0.4097, 8.6218

Triad

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



149.8310, 3.0413, 4.5332



148.8390, -5.8366, 5.4032



146.7320, 3.0901, -11.1660

Complementary

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



149.8310, 3.0413, 4.5332



152.1690, -3.0413, -4.5332

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.



146.9450, 0.0271, -8.7218



149.8310, 3.0413, 4.5332



148.3330, -5.0942, 0.5850

Square

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



149.8310, 3.0413, 4.5332



149.5020, -4.6845, 9.2067



147.1690, -3.0413, -4.5332



147.3130, 5.2687, -9.9215

Rectangle

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



149.8310, 3.0413, 4.5332



150.3110, -1.6323, 10.2513



147.1690, -3.0413, -4.5332



146.8030, 2.0691, -10.3512

Sweetspot

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



149.8310, 3.0413, 4.5332



201.6520, 1.1576, 2.0592



147.7270, 4.0786, -1.5146



100.8260, 0.5788, 1.0296



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



149.8310, 3.0413, 4.5332



194.0100, 4.9251, 7.0072



149.6740, 1.1467, 5.5479



74.0050, 2.4625, 3.5036



54.8730, 43.4466, 65.0094



5.8960, 4.4883, 7.1072

Inverse Universe

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



149.1040, -1.0373, 6.0478



192.8980, -1.9217, 9.7365



152.3260, -1.1467, -5.5479



73.5060, -0.7425, 4.8182



44.3530, -14.9640, 86.5134



4.7130, -1.3375, 9.0217

Previews

White Background



This preview shows how the YUV color 149.8310, 3.0413, 4.5332 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 149.8310, 3.0413, 4.5332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

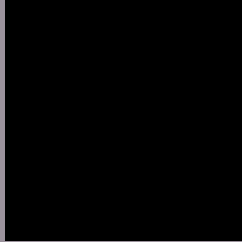
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 149.8310, 3.0413, 4.5332

Background



This preview shows how black text looks on a background with the YUV color 149.8310, 3.0413, 4.5332.



This preview shows how white text looks on a background with the YUV color 149.8310, 3.0413,

4.5332.

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

149.8310, 3.0413, 4.5332

Protanopia

149.3250, 3.7838, -0.2850

Deuteranopia

150.1520, 2.8831, 8.6367



Tritanopia

149.9450, 3.4781, 4.4332

Trichromacy



Original Color

149.8310, 3.0413, 4.5332

Protanomaly

149.3360, 3.7784, 1.4593

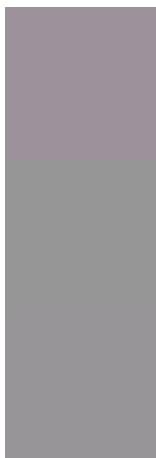
Deuteranomaly

150.1410, 2.8885, 6.8923

Tritanomaly

149.9450, 3.4781, 4.4332

Monochromacy



Original Color

149.8310, 3.0413, 4.5332

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

150.2390, 0.8682, 1.5444

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.8310, 3.0413, 4.5332 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(155, 146, 156)` looks like.

```
.text, #text, p{  
    color:rgb(155, 146, 156)  
}
```

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(155, 146, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 146, 156) }
```

Border

The CSS property to change the border of an element to YUV 149.8310, 3.0413, 4.5332 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(155, 146, 156) }
```


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

```
.border{ border-color:rgb(155, 146, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 146, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 146, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 146, 156);  
box-shadow:4px 4px 4px 4px rgb(155, 146,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 149.8310, 3.0413, 4.5332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 146, 156) }
```

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

```
.background{ background-color: rgb(155,  
146, 156) }
```

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