

Converting Colors

YUV(145.8150, 3.5422,
-62.9818)

Have a look what the booklet for
YUV(145.8150, 3.5422, -62.9818)
contains.

YUV(145.8150, 3.5422, -62.9818)	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(145.8150, 3.5422,
-62.9818)**

Conversions

Conversions Part 1

Format	Color
Hex	4AB599
RGB	74, 181, 153
RGB Percent	29%, 71%, 60%
CMY	0.7098, 0.2902, 0.4000
CMYK	0.59, 0.00, 0.15, 0.29
HSL	164°, 42%, 50%
HSV	164°, 59%, 71%
XYZ	25.0977, 36.8035, 35.9180
YIQ	145.8150, -54.7840, -31.3920

Conversions

Conversions Part 2

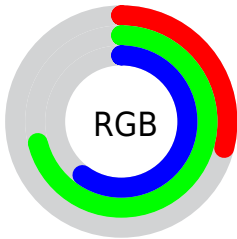
Format	Color
RYB	74, 136, 181
Decimal	4896153
CIELab	67.13, -37.54, 5.14
CIElCh	67, 37.890, 172.211
Yxy	36.8035, 0.2566, 0.3762
Android (android.graphics.Color)	4283086233 (0xFF4AB599)
YUV	145.8150, 3.5422, -62.9818
Hunter-Lab	60.6659, -32.3193, 7.3627

Details

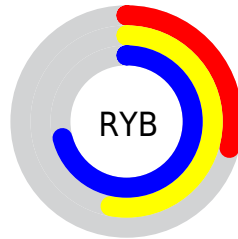
The YUV color **145.8150, 3.5422, -62.9818** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **109.1850, -3.5422, 62.9818**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.1850, 2.3738, -61.5522**, and **86.1770, 7.8007, -75.5772** is the 20% darker color. If you saturate the color by 10%, you get **139.8630, 4.0115, -73.5479**, and if you desaturate by 10%, it is **151.7670, 3.0729, -52.4157**.

Distribution



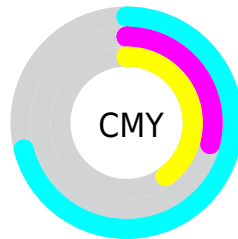
- Red (29%)
- Green (71%)
- Blue (60%)



- Red (29%)
- Yellow (53%)
- Blue (71%)



- Cyan (59%)
- Magenta (0%)
- Yellow (15%)
- Black (29%)





- Cyan (71%)
- Magenta (29%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 145.8150, 3.5422, -62.9818 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 145.8150, 3.5422, -62.9818 by changing the saturation by 10% instead.


 145.8150, 3.5422,
-62.9818


 145.8150, 3.5422,
-62.9818


255.0000, 0.0000,
0.0000

 117.1350, 4.8634,
-66.7704

 202.1850, 2.3738,
-61.5522


 86.1770, 7.8007,
-75.5772


 224.7280, 5.5571,
-55.8895


 68.7660, 4.5524,
-60.3078


 235.5650, 9.5815,
-39.9605

 51.4690, 1.7408,
-45.1383

 244.2360, 5.3067,
-22.1320

 34.9870, -0.4866,
-30.6836

 253.2060, 0.8844,
-3.6887

 20.7390, -4.3083,
-18.1881

 0.0000, 0.0000,

0.0000

■ 145.8150, 3.5422,
-62.9818

■ 145.8150, 3.5422,
-62.9818

■ 139.8630, 4.0115,
-73.5479

■ 151.7670, 3.0729,
-52.4157

■ 134.0250, 4.9177,
-84.2139

■ 157.6050, 2.1667,
-41.7496

■ 128.0730, 5.3870,
-94.7800

■ 163.5570, 1.6974,
-31.1835

■ 122.1210, 5.8563,
-105.3461

■ 169.5090, 1.2281,
-20.6174

■ 121.5230, 6.1512,
-106.5757

■ 175.7600, 0.6113,
-9.4365

■ 181.5980, -0.2948,
1.2296

■ 187.5500, -0.7642,
11.7956

■ 193.5020, -1.2335,
22.3617

■ 199.4540, -1.7028,
32.9278

Harmonies

Analogous

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



153.4590, -16.4953, -29.3435



145.8150, 3.5422, -62.9818



128.2770, 29.4434, -110.7449

Triad

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



145.8150, 3.5422, -62.9818



164.5560, 30.2919, -9.2576



163.5380, -25.9012, 47.7632

Complementary

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



145.8150, 3.5422, -62.9818



109.1850, -3.5422, 62.9818

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.



165.6220, -13.1246, 56.4595



145.8150, 3.5422, -62.9818



167.8010, 18.8321, 26.4845

Square

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



145.8150, 3.5422, -62.9818



154.4260, 37.2580, -50.3626



166.9320, 3.4845, 49.1716



161.5820, -32.8249, 28.4306

Rectangle

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



145.8150, 3.5422, -62.9818



128.7850, 39.0530, -112.9444



166.9320, 3.4845, 49.1716



164.4830, -22.4231, 52.1964

Sweetspot

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



145.8150, 3.5422, -62.9818



220.8890, 1.5337, -25.3357



145.4800, -35.2396, -37.2550



108.5420, 1.2118, -15.3843



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



145.8150, 3.5422, -62.9818



180.0510, 5.3979, -98.2687



134.3320, 23.0073, -52.9112



86.0810, 0.4531, -5.3330



102.6930, 5.0814, -90.0618



17.4280, 0.7750, -15.2844

Inverse Universe

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



109.1850, -3.5422, 62.9818



122.9490, -5.3979, 98.2687



120.6680, -23.0073, 52.9112



83.0330, -0.0163, 5.2331



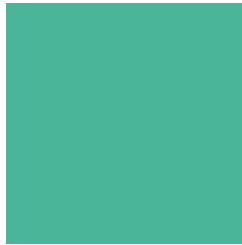
50.3070, -5.0814, 90.0618



8.5720, -0.7750, 15.2844

Previews

White Background



This preview shows how the YUV color 145.8150, 3.5422, -62.9818 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 145.8150, 3.5422, -62.9818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

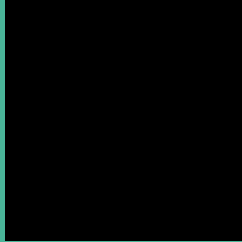
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 145.8150, 3.5422, -62.9818

Background



This preview shows how black text looks on a background with the YUV color 145.8150, 3.5422, -62.9818.



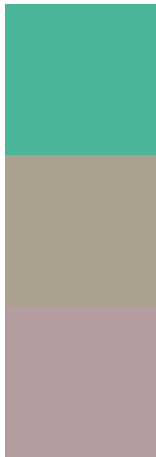
This preview shows how white text looks on a background with the YUV color 145.8150, 3.5422, -62.9818.

-62.9818.

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

145.8150, 3.5422, -62.9818

Protanopia

162.2260, -9.4784, 6.8178

Deuteranopia

163.6920, -2.8062, 13.4251



Tritanopia

150.9850, 19.2344, -56.1148

Trichromacy



Original Color

145.8150, 3.5422, -62.9818

Protanomaly

156.3260, -4.5977, -18.7029

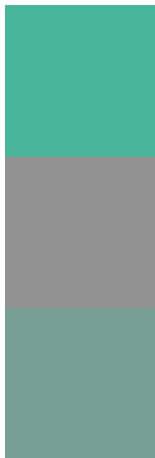
Deuteranomaly

157.3850, -0.6828, -14.3696

Tritanomaly

149.1820, 13.7143, -58.9186

Monochromacy



Original Color

145.8150, 3.5422, -62.9818

Achromatopsia

146.0000, 0.0000, 0.0000

Achromatomaly

146.1990, 1.3809, -22.9765

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.8150, 3.5422, -62.9818 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(74, 181, 153)` looks like.

```
.text, #text, p{  
    color:rgb(74, 181, 153)  
}
```

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(74, 181, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 181, 153) }
```

Border

The CSS property to change the border of an element to YUV 145.8150, 3.5422, -62.9818 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(74, 181, 153) }
```


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

```
.border{ border-color:rgb(74, 181, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 181, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 181, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 181, 153);  
box-shadow:4px 4px 4px 4px rgb(74, 181,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 145.8150, 3.5422, -62.9818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 181, 153) }
```

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

```
.background{ background-color: rgb(74, 181,  
153) }
```

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