

Converting Colors

YUV(145.3330, 1.3148,
-48.5270)

Have a look what the booklet for
YUV(145.3330, 1.3148, -48.5270)
contains.

YUV(145.3330, 1.3148, -48.5270)	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(145.3330, 1.3148,
-48.5270)**

Conversions

Conversions Part 1

Format	Color
Hex	5AAD94
RGB	90, 173, 148
RGB Percent	35%, 68%, 58%
CMY	0.6471, 0.3216, 0.4196
CMYK	0.48, 0.00, 0.14, 0.32
HSL	162°, 34%, 52%
HSV	162°, 48%, 68%
XYZ	24.5053, 34.1989, 33.3265
YIQ	145.3330, -41.4430, -25.3710

Conversions

Conversions Part 2

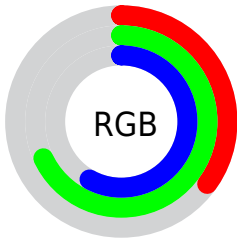
Format	Color
RYB	90, 139, 173
Decimal	5942676
CIELab	65.12, -31.42, 5.08
CIELCh	65, 31.831, 170.821
Yxy	34.1989, 0.2663, 0.3716
Android (android.graphics.Color)	4284132756 (0xFF5AAD94)
YUV	145.3330, 1.3148, -48.5270
Hunter-Lab	58.4798, -27.5413, 7.1477

Details

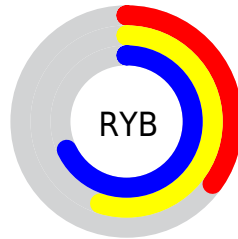
The YUV color **145.3330, 1.3148, -48.5270** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **117.6670, -1.3148, 48.5270**, and the grayscale version is **145.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.8060, 0.5886, -48.9419**, and **91.0660, 2.9255, -51.8009** is the 20% darker color. If you saturate the color by 10%, you get **139.6800, 1.6368, -58.4784**, and if you desaturate by 10%, it is **150.9860, 0.9929, -38.5757**.

Distribution



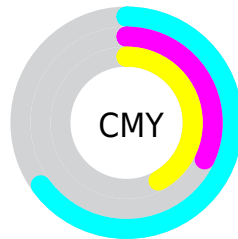
- Red (35%)
- Green (68%)
- Blue (58%)



- Red (35%)
- Yellow (55%)
- Blue (68%)



- Cyan (48%)
- Magenta (0%)
- Yellow (14%)
- Black (32%)



- Cyan (65%)
- Magenta (32%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 145.3330, 1.3148, -48.5270 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 145.3330, 1.3148, -48.5270 by changing the saturation by 10% instead.

■ 145.3330, 1.3148,
-48.5270

■ 145.3330, 1.3148,
-48.5270

■ 255.0000, 0.0000,
0.0000

■ 118.1480, 1.8990,
-49.2418

■ 200.8060, 0.5886,
-48.9419

■ 91.0660, 2.9255,
-51.8009

■ 227.6320, 1.1674,
-47.9123

■ 64.2010, 4.8309,
-56.3043

■ 238.8540, 7.9600,
-33.1980

■ 47.4910, 1.7299,
-41.6496

■ 247.5250, 3.6852,
-15.3694

■ 31.0090, -0.4974,
-27.1949

■ 16.4190, -5.6296,
-14.3995

■ 0.0000, 0.0000,

0.0000

■ 145.3330, 1.3148,
-48.5270

■ 145.3330, 1.3148,
-48.5270

■ 139.6800, 1.6368,
-58.4784

■ 150.9860, 0.9929,
-38.5757

■ 133.7280, 2.1061,
-69.0445

■ 156.9380, 0.5236,
-28.0096

■ 127.9610, 1.9912,
-78.8958

■ 162.7050, 0.6384,
-18.1583

■ 122.3080, 2.3132,
-88.8471

■ 168.3580, 0.3165,
-8.2070

■ 116.6550, 2.6351,
-98.7984

■ 174.3100, -0.1528,
2.3591

■ 115.3450, 2.7879,
-101.1576

■ 179.9630, -0.4748,
12.3104

■ 185.6160, -0.7967,
22.2618

■ 191.3830, -0.6818,
32.1131

■ 197.3350, -1.1512,
42.6792

Harmonies

Analogous

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



150.3720, -14.4804, -22.2512



145.3330, 1.3148, -48.5270



139.9680, 18.2568, -69.2549

Triad

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



145.3330, 1.3148, -48.5270



159.0030, 25.6345, -8.7726



159.2320, -21.8064, 41.0155

Complementary

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



145.3330, 1.3148, -48.5270



117.6670, -1.3148, 48.5270

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.



160.2510, -10.4767, 47.1379



145.3330, 1.3148, -48.5270



162.2580, 15.6488, 20.8217

Square

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



145.3330, 1.3148, -48.5270



151.4720, 30.8263, -40.7559



161.7630, 3.0748, 40.5498



156.7540, -26.9937, 24.7717

Rectangle

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



145.3330, 1.3148, -48.5270



140.7210, 26.2665, -71.6693



161.7630, 3.0748, 40.5498



159.4650, -18.4702, 44.3192

Sweetspot

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



145.3330, 1.3148, -48.5270



213.7050, 0.6384, -18.1583



146.4950, -27.8520, -26.7441



105.6350, 0.1799, -11.0809



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.



145.3330, 1.3148, -48.5270



180.6840, 2.1278, -76.0219



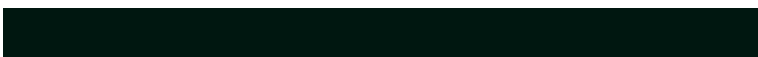
139.3780, 16.5756, -43.3045



83.9670, 0.0163, -5.2331



100.0200, 2.4551, -87.7175



15.3250, 0.3328, -13.4400

Inverse Universe

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



117.6670, -1.3148, 48.5270



137.3160, -2.1278, 76.0219



123.6220, -16.5756, 43.3045



81.0330, -0.0163, 5.2331



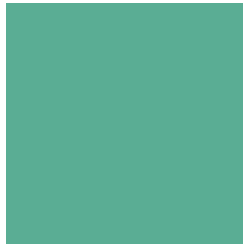
49.9800, -2.4551, 87.7175



7.6750, -0.3328, 13.4400

Previews

White Background



This preview shows how the YUV color 145.3330, 1.3148, -48.5270 looks on a white background.

Color Contrast Check

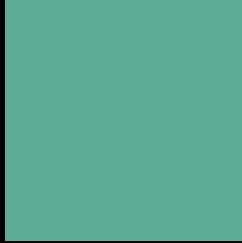
Large Text (above 18pt) WCAG AA × Fail

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 145.3330, 1.3148, -48.5270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

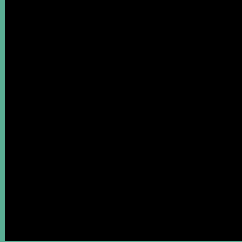
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 145.3330, 1.3148, -48.5270

Background



This preview shows how black text looks on a background with the YUV color 145.3330, 1.3148, -48.5270.



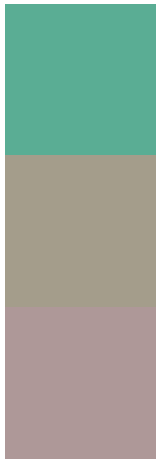
This preview shows how white text looks on a background with the YUV color 145.3330, 1.3148,

-48.5270.

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

145.3330, 1.3148, -48.5270

Protanopia

157.0410, -8.8942, 6.1030

Deuteranopia

158.5780, -3.2430, 13.5251



Tritanopia

149.2640, 16.1388, -43.2045

Trichromacy



Original Color

145.3330, 1.3148, -48.5270

Protanomaly

152.8320, -5.3402, -13.8847

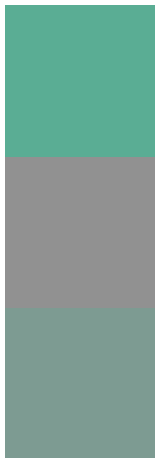
Deuteranomaly

153.8910, -1.4253, -9.5514

Tritanomaly

147.8740, 10.9081, -45.4935

Monochromacy



Original Color

145.3330, 1.3148, -48.5270

Achromatopsia

145.0000, 0.0000, 0.0000

Achromatomaly

145.0040, 0.4910, -17.5435

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.3330, 1.3148, -48.5270 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(90, 173, 148)` looks like.

```
.text, #text, p{  
    color:rgb(90, 173, 148)  
}
```

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(90, 173, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 173, 148) }
```

Border

The CSS property to change the border of an element to YUV 145.3330, 1.3148, -48.5270 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(90, 173, 148) }
```


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

```
.border{ border-color:rgb(90, 173, 148) }
```

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

Here you see how a box with a 4 pixel rgb(90, 173, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 173, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 173, 148);  
box-shadow:4px 4px 4px 4px rgb(90, 173,  
148) }
```

Background

The CSS property to change the background color of an element to YUV 145.3330, 1.3148, -48.5270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 173, 148) }
```

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

```
.background{ background-color: rgb(90, 173,  
148) }
```

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