

Converting Colors

YUV(140.8330, 3.0403,
-41.9495)

Have a look what the booklet for
YUV(140.8330, 3.0403, -41.9495)
contains.

YUV(140.8330, 3.0403, -41.9495)	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(140.8330, 3.0403,
-41.9495)**

Conversions

Conversions Part 1

Format	Color
Hex	5DA493
RGB	93, 164, 147
RGB Percent	36%, 64%, 58%
CMY	0.6353, 0.3569, 0.4235
CMYK	0.43, 0.00, 0.10, 0.36
HSL	166°, 28%, 50%
HSV	166°, 43%, 64%
XYZ	23.0561, 30.9847, 32.3692
YIQ	140.8330, -36.8590, -20.3390

Conversions

Conversions Part 2

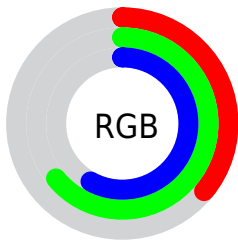
Format	Color
RYB	93, 133, 164
Decimal	6136979
CIELab	62.49, -26.51, 1.85
CIElCh	62, 26.573, 175.999
Yxy	30.9847, 0.2668, 0.3586
Android (android.graphics.Color)	4284327059 (0xFF5DA493)
YUV	140.8330, 3.0403, -41.9495
Hunter-Lab	55.6639, -23.4766, 4.4868

Details

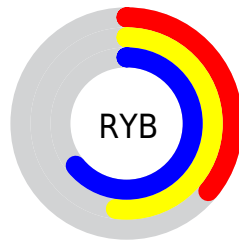
The YUV color **140.8330, 3.0403, -41.9495** is a dark color, and the websafe version is hex **339999**, and the color name is **polished pine**. A complement of this color would be **116.1670, -3.0403, 41.9495**, and the grayscale version is **141.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.4200, 2.7509, -42.4643**, and **88.4630, 4.2087, -43.3791** is the 20% darker color. If you saturate the color by 10%, you get **135.5930, 3.6517, -51.3861**, and if you desaturate by 10%, it is **146.0730, 2.4290, -32.5130**.

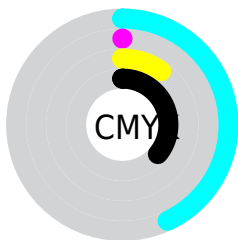
Distribution



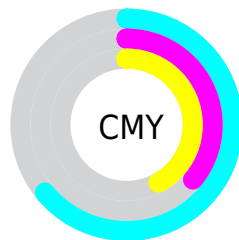
- Red (36%)
- Green (64%)
- Blue (58%)



- Red (36%)
- Yellow (52%)
- Blue (64%)



- Cyan (43%)
- Magenta (0%)
- Yellow (10%)
- Black (36%)



- Cyan (64%)
- Magenta (36%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.8330, 3.0403, -41.9495 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 140.8330, 3.0403, -41.9495 by changing the saturation by 10% instead.

■ 140.8330, 3.0403,
-41.9495

■ 140.8330, 3.0403,
-41.9495

■ 255.0000, 0.0000,
0.0000

■ 113.9470, 3.4771,
-42.0495

■ 195.4200, 2.7509,
-42.4643

■ 88.4630, 4.2087,
-43.3791

■ 224.0070, 2.4615,
-42.9791

■ 59.6900, 6.5618,
-51.4711

■ 239.4520, 7.6652,
-31.9684

■ 42.6810, 3.6083,
-37.4312

■ 248.1230, 3.3904,
-14.1399

■ 27.3730, 0.8021,
-24.0061

■ 9.8480, -2.8831,
-8.6367

■ 0.0000, 0.0000,

0.0000

■ 140.8330, 3.0403,
-41.9495

■ 140.8330, 3.0403,
-41.9495

■ 135.5930, 3.6517,
-51.3861

■ 146.0730, 2.4290,
-32.5130

■ 130.0540, 4.4104,
-61.4374

■ 151.6120, 1.6703,
-22.4617

■ 124.8140, 5.0217,
-70.8739

■ 156.8520, 1.0590,
-13.0252

■ 119.2750, 5.7804,
-80.9252

■ 162.3910, 0.3002,
-2.9739

■ 114.0350, 6.3917,
-90.3617

■ 167.6310, -0.3111,
6.4626

■ 110.5180, 7.1396,
-96.9243

■ 172.8710, -0.9224,
15.8991

■ 178.2960, -2.1179,
26.0504

■ 183.5360, -2.7292,
35.4869

■ 189.0750, -3.4880,
45.5382

Harmonies

Analogous

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



144.2240, -9.9704, -22.1214



140.8330, 3.0403, -41.9495



138.7850, 15.8820, -54.1854

Triad

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



140.8330, 3.0403, -41.9495



152.5540, 19.9399, -2.2399



152.1600, -19.3059, 32.3087

Complementary

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



140.8330, 3.0403, -41.9495



116.1670, -3.0403, 41.9495

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.



153.4950, -10.5970, 39.0309



140.8330, 3.0403, -41.9495



154.5200, 11.5756, 20.5920

Square

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



140.8330, 3.0403, -41.9495



147.6540, 24.8206, -27.7606



154.6330, 0.1809, 35.4019



150.4480, -22.8989, 18.0241

Rectangle

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



140.8330, 3.0403, -41.9495



139.9900, 21.6969, -52.6112



154.6330, 0.1809, 35.4019



152.4640, -16.9908, 36.4271

Sweetspot

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



140.8330, 3.0403, -41.9495



204.9440, 1.5066, -16.6139



140.0590, -23.2001, -25.4847



101.4610, 0.7587, -10.0513



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



140.8330, 3.0403, -41.9495



177.8470, 5.0054, -65.6408



132.2050, 15.6749, -34.3828



79.0810, 0.4531, -5.3330



97.7690, 6.5229, -85.7434



12.1620, 0.9061, -10.6661

Inverse Universe

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



116.1670, -3.0403, 41.9495



139.1530, -5.0054, 65.6408



124.7950, -15.6749, 34.3828



75.9190, -0.4531, 5.3330



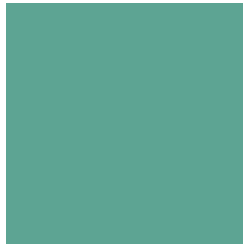
47.3450, -6.0861, 85.6434



5.8380, -0.9061, 10.6661

Previews

White Background



This preview shows how the YUV color 140.8330, 3.0403, -41.9495 looks on a white background.

Color Contrast Check

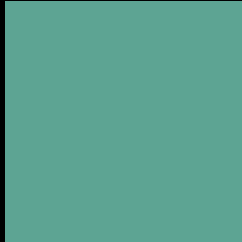
Large Text (above 18pt) WCAG AA × Fail

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 140.8330, 3.0403, -41.9495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

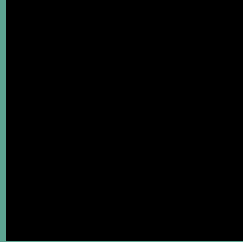
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 140.8330, 3.0403, -41.9495

Background



This preview shows how black text looks on a background with the YUV color 140.8330, 3.0403, -41.9495.



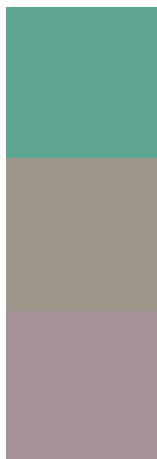
This preview shows how white text looks on a background with the YUV color 140.8330, 3.0403,

-41.9495.

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

140.8330, 3.0403, -41.9495

Protanopia

150.5400, -5.6892, 4.7884

Deuteranopia

151.9520, -0.4693, 10.5661



Tritanopia

143.5420, 14.5228, -38.1863

Trichromacy



Original Color

140.8330, 3.0403, -41.9495

Protanomaly

146.9400, -2.4354, -12.2254

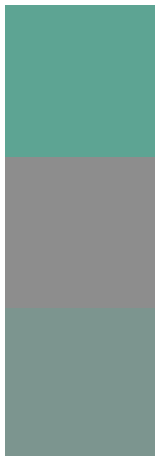
Deuteranomaly

148.1730, 0.9007, -8.9217

Tritanomaly

142.2060, 10.7444, -39.6457

Monochromacy



Original Color

140.8330, 3.0403, -41.9495

Achromatopsia

141.0000, 0.0000, 0.0000

Achromatomaly

140.8410, 1.0644, -14.7696

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.8330, 3.0403, -41.9495 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(93, 164, 147)` looks like.

```
.text, #text, p{  
    color:rgb(93, 164, 147)  
}
```

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(93, 164, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 164, 147) }
```

Border

The CSS property to change the border of an element to YUV 140.8330, 3.0403, -41.9495 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(93, 164, 147) }
```


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

```
.border{ border-color:rgb(93, 164, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 164, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 164, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 164, 147);  
box-shadow:4px 4px 4px 4px rgb(93, 164,  
147) }
```

Background

The CSS property to change the background color of an element to YUV 140.8330, 3.0403, -41.9495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 164, 147) }
```

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

```
.background{ background-color: rgb(93, 164,  
147) }
```

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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