

Converting Colors

YUV(145.4280, -2.6760,
-28.4394)

Have a look what the booklet for
YUV(145.4280, -2.6760, -28.4394)
contains.

YUV(145.4280, -2.6760, -28.4394)	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(145.4280, -2.6760,
-28.4394)**

Conversions

Conversions Part 1

Format	Color
Hex	71A38C
RGB	113, 163, 140
RGB Percent	44%, 64%, 55%
CMY	0.5569, 0.3608, 0.4510
CMYK	0.31, 0.00, 0.14, 0.36
HSL	152°, 21%, 54%
HSV	152°, 31%, 64%
XYZ	24.6409, 31.5985, 29.6114
YIQ	145.4280, -22.4170, -17.7530

Conversions

Conversions Part 2

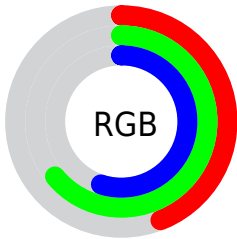
Format	Color
RYB	113, 145, 163
Decimal	7447436
CIELab	63.01, -21.74, 6.65
CIELCh	63, 22.734, 163.002
Yxy	31.5985, 0.2870, 0.3681
Android (android.graphics.Color)	4285637516 (0xFF71A38C)
YUV	145.4280, -2.6760, -28.4394
Hunter-Lab	56.2126, -20.1263, 8.1163

Details

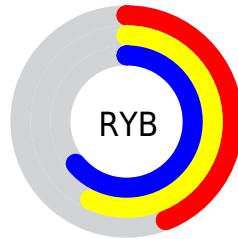
The YUV color **145.4280, -2.6760, -28.4394** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **130.5720, 2.6760, 28.4394**, and the grayscale version is **145.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.7160, -2.8180, -29.5689**, and **94.2540, -2.0972, -27.4098** is the 20% darker color. If you saturate the color by 10%, you get **139.8460, -3.3751, -37.5759**, and if you desaturate by 10%, it is **151.0100, -1.9769, -19.3028**.

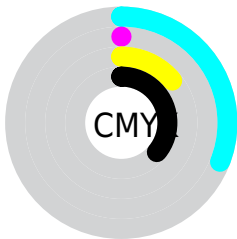
Distribution



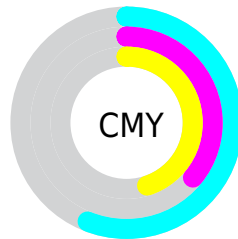
- Red (44%)
- Green (64%)
- Blue (55%)



- Red (44%)
- Yellow (57%)
- Blue (64%)



- Cyan (31%)
- Magenta (0%)
- Yellow (14%)
- Black (36%)





- Cyan (56%)
- Magenta (36%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 145.4280, -2.6760, -28.4394 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 145.4280, -2.6760, -28.4394 by changing the saturation by 10% instead.


 145.4280, -2.6760,
-28.4394


 145.4280, -2.6760,
-28.4394


255.0000, 0.0000,
0.0000


 119.8410, -2.3866,
-27.9246


 199.7160, -2.8180,
-29.5689

 94.2540, -2.0972,
-27.4098


 228.1890, -3.5442,
-29.9838


 69.4820, -1.2236,
-27.6097

 244.5630, 2.6804,
-19.7878

 45.5850, -0.7814,
-29.4540

 253.8040, 0.5896,
-2.4591

 26.2160, -1.0925,
-22.9914

 10.5660, -5.2090,
-9.2664

 0.0000, 0.0000,

0.0000

■ 145.4280, -2.6760,
-28.4394

■ 145.4280, -2.6760,
-28.4394

■ 139.8460, -3.3751,
-37.5759

■ 151.0100, -1.9769,
-19.3028

■ 133.8510, -4.3635,
-47.2273

■ 157.0050, -0.9885,
-9.6514

■ 128.2690, -5.0626,
-56.3639

■ 162.5870, -0.2894,
-0.5148

■ 122.5730, -6.1985,
-65.4005

■ 168.2830, 0.8465,
8.5218

■ 116.9910, -6.8976,
-74.5371

■ 174.1640, 1.3981,
18.2732

■ 110.9960, -7.8860,
-84.1885

■ 179.8600, 2.5340,
27.3098

■ 105.7130, -8.7325,
-92.7103

■ 185.4420, 3.2331,
36.4464

■ 191.1380, 4.3690,
45.4830

■ 195.5240, 5.6577,
52.1605

Harmonies

Analogous

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



148.4920, -13.0606, -10.9555



145.4280, -2.6760, -28.4394



143.3260, 8.7133, -41.5049

Triad

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



145.4280, -2.6760, -28.4394



152.3850, 19.5302, -10.8616



153.9410, -13.7749, 31.6237

Complementary

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



145.4280, -2.6760, -28.4394



130.5720, 2.6760, 28.4394

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.



155.4280, -5.6340, 33.8276



145.4280, -2.6760, -28.4394



155.2090, 13.2080, 10.3407

Square

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



145.4280, -2.6760, -28.4394



148.3070, 21.0476, -30.9642



156.0170, 4.4286, 26.2951



152.5070, -18.9840, 22.3574

Rectangle

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



145.4280, -2.6760, -28.4394



143.3240, 15.1233, -44.1341



156.0170, 4.4286, 26.2951



154.8210, -11.7438, 33.4830

Sweetspot

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



145.4280, -2.6760, -28.4394



205.2930, -1.1304, -10.7810



149.2270, -17.8599, -11.6001



102.8420, -0.4151, -6.8774



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.



145.4280, -2.6760, -28.4394



184.2750, -4.0796, -44.9682



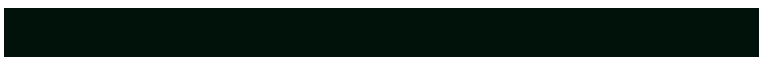
146.8760, 7.9491, -29.7093



78.8530, -0.4205, -5.1331



94.0070, -7.8915, -82.4441



11.7060, -0.8411, -10.2662

Inverse Universe

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



130.5720, 2.6760, 28.4394



160.7250, 4.0796, 44.9682



129.1240, -7.9491, 29.7093



76.1470, 0.4205, 5.1331



50.9930, 7.8915, 82.4441



6.2940, 0.8411, 10.2662

Previews

White Background



This preview shows how the YUV color 145.4280, -2.6760, -28.4394 looks on a white background.

Color Contrast Check

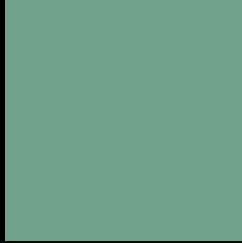
Large Text (above 18pt) WCAG AA × Fail

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 145.4280, -2.6760, -28.4394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

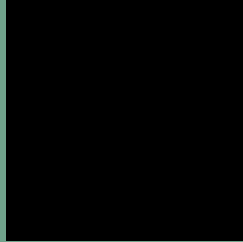
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 145.4280, -2.6760, -28.4394

Background



This preview shows how black text looks on a background with the YUV color 145.4280, -2.6760, -28.4394.



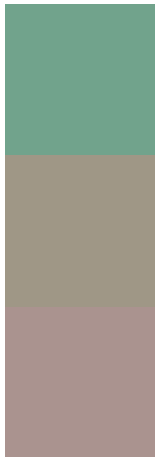
This preview shows how white text looks on a background with the YUV color 145.4280, -2.6760,

-28.4394.

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

145.4280, -2.6760, -28.4394

Protanopia

151.4540, -8.6048, 6.6178

Deuteranopia

153.4210, -5.1376, 14.5398



Tritanopia

148.7070, 10.9904, -25.1760

Trichromacy



Original Color

145.4280, -2.6760, -28.4394

Protanomaly

148.9470, -6.3829, -6.0925

Deuteranomaly

150.5500, -4.2151, -1.3593

Tritanomaly

147.1430, 6.3385, -26.4354

Monochromacy



Original Color

145.4280, -2.6760, -28.4394

Achromatopsia

145.0000, 0.0000, 0.0000

Achromatomaly

145.2930, -1.1304, -10.7810

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.4280, -2.6760, -28.4394 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(113, 163, 140)` looks like.

```
.text, #text, p{  
    color:rgb(113, 163, 140)  
}
```

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(113, 163, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 163, 140) }
```

Border

The CSS property to change the border of an element to YUV 145.4280, -2.6760, -28.4394 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(113, 163, 140) }
```


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

```
.border{ border-color:rgb(113, 163, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 163, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 163, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 163, 140);  
box-shadow:4px 4px 4px 4px rgb(113, 163,  
140) }
```

Background

The CSS property to change the background color of an element to YUV 145.4280, -2.6760, -28.4394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 163, 140) }
```

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

```
.background{ background-color: rgb(113,  
163, 140) }
```

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