

Converting Colors

YUV(149.7000, -1.8241,
-21.6619)

Have a look what the booklet for
YUV(149.7000, -1.8241, -21.6619)
contains.

YUV(149.7000, -1.8241, -21.6619)	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(149.7000, -1.8241,
-21.6619)**

Conversions

Conversions Part 1

Format	Color
Hex	7DA392
RGB	125, 163, 146
RGB Percent	49%, 64%, 57%
CMY	0.5098, 0.3608, 0.4275
CMYK	0.23, 0.00, 0.10, 0.36
HSL	153°, 17%, 56%
HSV	153°, 23%, 64%
XYZ	26.7429, 32.6297, 32.0828
YIQ	149.7000, -17.1910, -13.3430

Conversions

Conversions Part 2

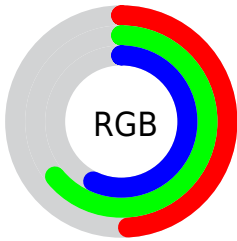
Format	Color
RYB	125, 149, 163
Decimal	8233874
CIELab	63.86, -16.59, 4.60
CIELCh	64, 17.213, 164.490
Yxy	32.6297, 0.2924, 0.3568
Android (android.graphics.Color)	4286423954 (0xFF7DA392)
YUV	149.7000, -1.8241, -21.6619
Hunter-Lab	57.1224, -16.3960, 6.6855

Details

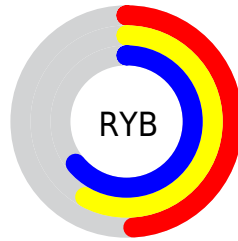
The YUV color **149.7000, -1.8241, -21.6619** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **138.3000, 1.8241, 21.6619**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.9880, -1.9661, -22.7915**, and **98.5260, -1.2453, -20.6323** is the 20% darker color. If you saturate the color by 10%, you get **144.1180, -2.5232, -30.7985**, and if you desaturate by 10%, it is **155.2820, -1.1250, -12.5253**.

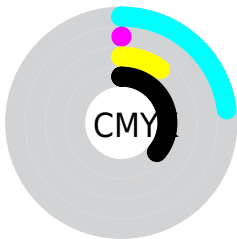
Distribution



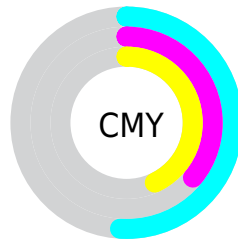
- Red (49%)
- Green (64%)
- Blue (57%)



- Red (49%)
- Yellow (58%)
- Blue (64%)



- Cyan (23%)
- Magenta (0%)
- Yellow (10%)
- Black (36%)



- Cyan (51%)
- Magenta (36%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.7000, -1.8241, -21.6619 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 149.7000, -1.8241, -21.6619 by changing the saturation by 10% instead.

■ 149.7000, -1.8241,
-21.6619

■ 149.7000, -1.8241,
-21.6619

255.0000, 0.0000,
0.0000

■ 123.9990, -1.9715,
-21.0471

■ 203.9880, -1.9661,
-22.7915

■ 98.5260, -1.2453,
-20.6323

■ 232.5750, -2.2555,
-23.3063

■ 74.5260, -1.2453,
-20.6323

■ 248.7210, 3.0955,
-12.9103

■ 50.9390, -0.9559,
-20.1175

■ 28.7540, -0.3717,
-20.8323

■ 13.1420, -5.4930,
-11.5255

■ 0.0000, 0.0000,

0.0000

■ 149.7000, -1.8241,
-21.6619

■ 149.7000, -1.8241,
-21.6619

■ 144.1180, -2.5232,
-30.7985

■ 155.2820, -1.1250,
-12.5253

■ 138.1230, -3.5116,
-40.4499

■ 161.2770, -0.1366,
-2.8739

■ 132.5410, -4.2107,
-49.5865

■ 166.8590, 0.5625,
6.2627

■ 126.9590, -4.9098,
-58.7230

■ 172.4410, 1.2616,
15.3992

■ 121.3770, -5.6089,
-67.8596

■ 178.0230, 1.9607,
24.5358

■ 115.3820, -6.5973,
-77.5110

■ 184.0180, 2.9491,
34.1872

■ 109.8000, -7.2964,
-86.6476

■ 189.6000, 3.6482,
43.3238

■ 105.9410, -7.8589,
-92.9103

■ 195.1820, 4.3473,
52.4604

■ 196.0940, 7.8417,
51.6606

Harmonies

Analogous

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



151.2410, -8.9928, -8.9814



149.7000, -1.8241, -21.6619



149.1210, 6.3493, -29.9241

Triad

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



149.7000, -1.8241, -21.6619



155.3270, 14.1358, -7.3028



155.9940, -10.8430, 24.5613

Complementary

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



149.7000, -1.8241, -21.6619



138.3000, 1.8241, 21.6619

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.



157.3130, -4.5913, 26.0355



149.7000, -1.8241, -21.6619



156.9870, 9.8664, 8.7814

Square

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



149.7000, -1.8241, -21.6619



151.9940, 15.7790, -21.0427



157.8160, 2.5557, 20.3324



155.0270, -14.3103, 16.6393

Rectangle

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



149.7000, -1.8241, -21.6619



149.2610, 10.7173, -30.9239



157.8160, 2.5557, 20.3324



156.4610, -9.1013, 25.9057

Sweetspot

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



149.7000, -1.8241, -21.6619



206.7170, -0.8465, -8.5218



152.3890, -13.5028, -9.1112



104.1520, -0.5679, -4.5183



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.



149.7000, -1.8241, -21.6619



190.9820, -2.9491, -34.1872



150.4640, 6.1802, -22.3319



78.8530, -0.4205, -5.1331



94.2350, -7.0179, -82.6441



11.7060, -0.8411, -10.2662

Inverse Universe

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



138.3000, 1.8241, 21.6619



173.0180, 2.9491, 34.1872



137.5360, -6.1802, 22.3319



76.1470, 0.4205, 5.1331



50.7650, 7.0179, 82.6441



6.2940, 0.8411, 10.2662

Previews

White Background



This preview shows how the YUV color 149.7000, -1.8241, -21.6619 looks on a white background.

Color Contrast Check

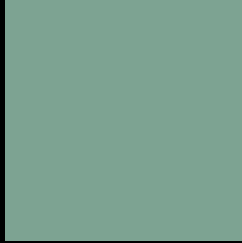
Large Text (above 18pt) WCAG AA × Fail

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 149.7000, -1.8241, -21.6619 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 149.7000, -1.8241, -21.6619

Background



This preview shows how black text looks on a background with the YUV color 149.7000, -1.8241, -21.6619.



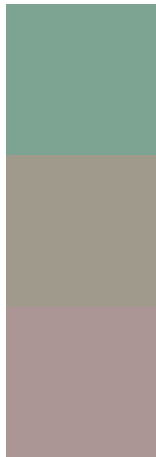
This preview shows how white text looks on a background with the YUV color 149.7000, -1.8241, -21.6619.

-21.6619.

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

149.7000, -1.8241, -21.6619

Protanopia

154.3120, -6.5628, 4.9884

Deuteranopia

155.5780, -3.2430, 13.5251



Tritanopia

151.8110, 9.9532, -19.1282

Trichromacy



Original Color

149.7000, -1.8241, -21.6619

Protanomaly

152.4140, -4.6411, -4.7481

Deuteranomaly

153.3160, -2.6208, 0.5999

Tritanomaly

150.7740, 6.0274, -19.9728

Monochromacy



Original Color

149.7000, -1.8241, -21.6619

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

150.1300, -0.5571, -8.0070

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.7000, -1.8241, -21.6619 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(125, 163, 146)` looks like.

```
.text, #text, p{  
    color:rgb(125, 163, 146)  
}
```

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(125, 163, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 163, 146) }
```

Border

The CSS property to change the border of an element to YUV 149.7000, -1.8241, -21.6619 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(125, 163, 146) }
```


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

```
.border{ border-color:rgb(125, 163, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 163, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 163, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 163, 146);  
box-shadow:4px 4px 4px 4px rgb(125, 163,  
146) }
```

Background

The CSS property to change the background color of an element to YUV 149.7000, -1.8241, -21.6619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 163, 146) }
```

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

```
.background{ background-color: rgb(125,  
163, 146) }
```

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