

Converting Colors

YUV(171.7150, -21.5515,
-40.9691)

Have a look what the booklet for
YUV(171.7150, -21.5515, -40.9691)
contains.

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Color

**YUV(171.7150, -21.5515,
-40.9691)**

Conversions

Conversions Part 1

Format	Color
Hex	7DCC80
RGB	125, 204, 128
RGB Percent	49%, 80%, 50%
CMY	0.5098, 0.2000, 0.4980
CMYK	0.39, 0.00, 0.37, 0.20
HSL	122°, 44%, 65%
HSV	122°, 39%, 80%
XYZ	33.9466, 49.1042, 28.1110
YIQ	171.7150, -22.6880, -40.3840

Conversions

Conversions Part 2

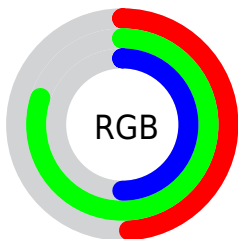
Format	Color
RYB	125, 201, 204
Decimal	8244352
CIELab	75.52, -39.72, 30.44
CIElCh	76, 50.037, 142.536
Yxy	49.1042, 0.3054, 0.4417
Android (android.graphics.Color)	4286434432 (0xFF7DCC80)
YUV	171.7150, -21.5515, -40.9691
Hunter-Lab	70.0744, -36.1583, 25.2674

Details

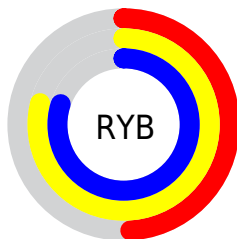
The YUV color **171.7150, -21.5515, -40.9691** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **157.2850, 21.5515, 40.9691**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.4380, -21.4149, -38.0951**, and **117.5840, -19.5149, -40.8542** is the 20% darker color. If you saturate the color by 10%, you get **163.4550, -27.3393, -51.2650**, and if you desaturate by 10%, it is **179.9750, -15.7637, -30.6731**.

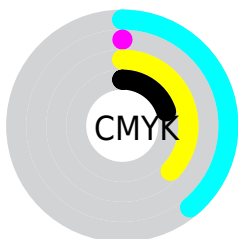
Distribution



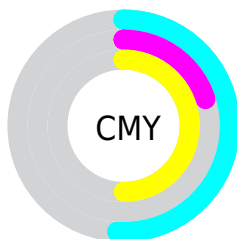
- Red (49%)
- Green (80%)
- Blue (50%)



- Red (49%)
- Yellow (79%)
- Blue (80%)



- Cyan (39%)
- Magenta (0%)
- Yellow (37%)
- Black (20%)



- Cyan (51%)
- Magenta (20%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.7150, -21.5515, -40.9691 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 171.7150, -21.5515, -40.9691 by changing the saturation by 10% instead.

■ 171.7150,
-21.5515, -40.9691

■ 171.7150,
-21.5515, -40.9691

255.0000, 0.0000,
0.0000

■ 144.2420,
-20.8253, -40.5542

■ 224.4380,
-21.4149, -38.0951

■ 117.5840,
-19.5149, -40.8542

■ 236.0020,
-13.3120, -23.6808

■ 91.2140, -18.3465,
-42.2837

■ 247.9790, -4.9196,
-8.7516

■ 61.5550, -15.5566,
-50.4757

■ 43.5350, -18.5048,
-38.1802

■ 28.7630, -14.1802,
-25.2252

■ 16.4360, -8.1029,

-14.4144

■ 0.0000, 0.0000,
0.0000

■ 171.7150,
-21.5515, -40.9691

■ 171.7150,
-21.5515, -40.9691

■ 163.4550,
-27.3393, -51.2650

■ 179.9750,
-15.7637, -30.6731

■ 155.0100,
-32.5429, -62.2758

■ 188.4200,
-10.5601, -19.6623

■ 146.7500,
-38.3308, -72.5717

■ 196.6800, -4.7722,
-9.3664

■ 138.1910,
-43.9712, -83.4825

■ 205.2390, 0.8682,
1.5444

■ 130.0450,
-49.3222, -93.8785

■ 213.3850, 6.2192,
11.9404

■ 121.7850,
-55.1100, -104.1744

■ 221.6450, 12.0070,
22.2363

■ 120.6600,
-55.5414, -105.8188

■ 225.0630, 14.7589,
26.2547

Harmonies

Analogous

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



178.5710, -39.7215, 0.3762



171.7150, -21.5515, -40.9691



154.0660, 9.3345, -100.9129

Triad

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



171.7150, -21.5515, -40.9691



166.5690, 43.5965, -76.7980



181.7370, -14.1673, 64.2517

Complementary

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



171.7150, -21.5515, -40.9691



157.2850, 21.5515, 40.9691

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.



186.5080, 6.6516, 60.0675



171.7150, -21.5515, -40.9691



184.9840, 34.5179, -11.3870

Square

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



171.7150, -21.5515, -40.9691



149.4050, 52.0583, -131.0282



191.5770, 25.3515, 35.4510



184.9220, -34.9645, 61.4584

Rectangle

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



171.7150, -21.5515, -40.9691



146.6400, 28.7715, -128.6033



191.5770, 25.3515, 35.4510



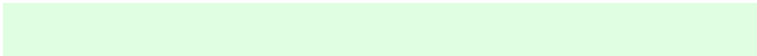
182.2730, -7.0366, 63.7816

Sweetspot

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



171.7150, -21.5515, -40.9691



242.4250, -8.0975, -16.1587



194.0970, -34.0648, 6.0539



120.5660, -5.2090, -9.2664



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



171.7150, -21.5515, -40.9691



207.1350, -32.1116, -60.6314



176.1610, -4.5164, -44.8682



97.8700, -2.8939, -5.1480



98.1260, -45.4181, -86.0565



22.4200, -10.5601, -19.6623

Inverse Universe

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



157.2850, 21.5515, 40.9691



185.8650, 32.1116, 60.6314



152.8390, 4.5164, 44.8682



96.1300, 2.8939, 5.1480



67.7600, 44.9813, 86.1565



15.5800, 10.5601, 19.6623

Previews

White Background



This preview shows how the YUV color 171.7150, -21.5515, -40.9691 looks on a white background.

Color Contrast Check

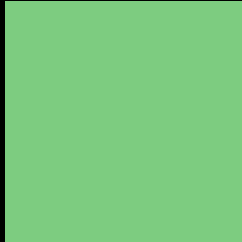
Large Text (above 18pt) WCAG AA × Fail

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 171.7150, -21.5515, -40.9691 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 171.7150, -21.5515, -40.9691 Background



This preview shows how black text looks on a background with the YUV color 171.7150, -21.5515, -40.9691.



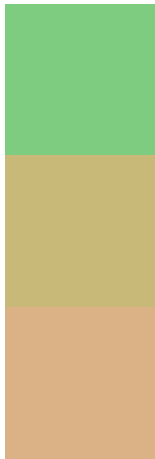
This preview shows how white text looks on a background with the YUV color 171.7150, -21.5515, -40.9691.

-40.9691.

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

171.7150, -21.5515, -40.9691

Protanopia

182.3740, -30.7504, 16.3350

Deuteranopia

184.6560, -24.9734, 30.1197



Tritanopia

179.9770, 14.8013, -34.1828

Trichromacy



Original Color

171.7150, -21.5515, -40.9691

Protanomaly

178.4530, -27.3383, -4.7823

Deuteranomaly

180.1320, -23.7291, 4.2692

Tritanomaly

177.1110, 1.4243, -36.9313

Monochromacy



Original Color

171.7150, -21.5515, -40.9691

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

172.1370, -7.9555, -15.0291

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.7150, -21.5515, -40.9691 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, 204, 128)` looks like.

```
.text, #text, p{  
    color:rgb(125, 204, 128)  
}
```

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, 204, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 204, 128) }
```

Border

The CSS property to change the border of an element to YUV 171.7150, -21.5515, -40.9691 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, 204, 128) }
```


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

```
.border{ border-color:rgb(125, 204, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 204, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 204, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 204, 128);  
box-shadow:4px 4px 4px 4px rgb(125, 204,  
128) }
```

Background

The CSS property to change the background color of an element to YUV 171.7150, -21.5515, -40.9691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 204, 128) }
```

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

```
.background{ background-color: rgb(125,  
204, 128) }
```

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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