

Converting Colors

YUV(171.2090, -7.0050, 6.8327)

Have a look what the booklet for
YUV(171.2090, -7.0050, 6.8327)
contains.

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Color

**YUV(171.2090, -7.0050,
6.8327)**

Conversions

Conversions Part 1

Format	Color
Hex	B3AA9D
RGB	179, 170, 157
RGB Percent	70%, 67%, 62%
CMY	0.2980, 0.3333, 0.3843
CMYK	0.00, 0.05, 0.12, 0.30
HSL	35°, 13%, 66%
HSV	35°, 12%, 70%
XYZ	39.0509, 40.7675, 37.7090
YIQ	171.2090, 9.5370, -2.1350

Conversions

Conversions Part 2

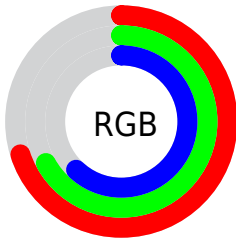
Format	Color
RYB	172, 179, 157
Decimal	11774621
CIELab	70.01, 0.96, 7.85
CIELCh	70, 7.906, 83.005
Yxy	40.7675, 0.3323, 0.3469
Android (android.graphics.Color)	4289964701 (0xFFB3AA9D)
YUV	171.2090, -7.0050, 6.8327
Hunter-Lab	63.8494, -2.5641, 9.6784

Details

The YUV color **171.2090, -7.0050, 6.8327** is a light color, and the websafe version is hex **999999**. A complement of this color would be **164.7910, 7.0050, -6.8327**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.5080, -7.1524, 7.4475**, and **119.0240, -6.4208, 6.1180** is the 20% darker color. If you saturate the color by 10%, you get **165.0480, -12.8417, 12.2359**, and if you desaturate by 10%, it is **177.3700, -1.1684, 1.4295**.

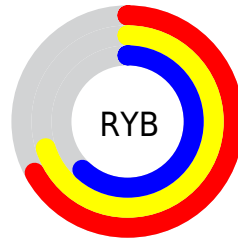
Distribution



Red (70%)

Green (67%)

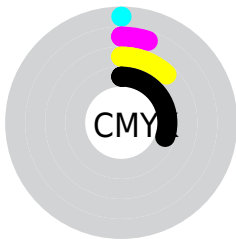
Blue (62%)



Red (67%)

Yellow (70%)

Blue (62%)

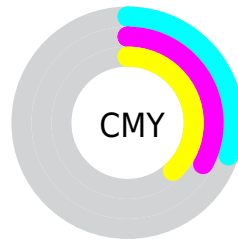


Cyan (0%)

Magenta (5%)

Yellow (12%)

Black (30%)



Cyan (30%)

Magenta (33%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.2090, -7.0050, 6.8327 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 171.2090, -7.0050, 6.8327 by changing the saturation by 10% instead.

■ 171.2090, -7.0050,
6.8327

■ 171.2090, -7.0050,
6.8327

255.0000, 0.0000,
0.0000

■ 144.9100, -6.8576,
6.2179

■ 226.5080, -7.1524,
7.4475

■ 119.0240, -6.4208,
6.1180

■ 252.7030, -6.2626,
2.0145

■ 94.1380, -5.9840,
6.0180

■ 70.8390, -5.8366,
5.4032

■ 47.9530, -5.3998,
5.3032

■ 27.5400, -5.6892,
4.7884

■ 0.8970, -0.4422,

1.8443

■ 0.0000, 0.0000,
0.0000

■ 171.2090, -7.0050,
6.8327

■ 171.2090, -7.0050,
6.8327

■ 165.0480,
-12.8417, 12.2359

■ 177.3700, -1.1684,
1.4295

■ 158.3000,
-18.3889, 18.1539

■ 184.1180, 4.3788,
-4.4885

■ 152.1390,
-24.2255, 23.5571

■ 190.2790, 10.2155,
-9.8917

■ 145.9780,
-30.0622, 28.9603

■ 196.4400, 16.0521,
-15.2949

■ 139.3440,
-35.1726, 34.7783

■ 203.1880, 21.5993,
-21.2129

■ 133.1830,
-41.0092, 40.1815

■ 208.2090, 23.0680,
-25.6163

■ 127.0220,
-46.8458, 45.5847

■ 212.3180, 21.0422,
-29.2199

■ 120.2740,
-52.3931, 51.5027

■ 217.0140, 18.7271,
-33.3383

■ 115.7430,
-57.0613, 55.4764

■ 221.1230, 16.7014,
-36.9419

Harmonies

Analogous

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



172.1710, -6.0003, 11.2510



171.2090, -7.0050, 6.8327



170.1050, -5.9678, 0.7849

Triad

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



171.2090, -7.0050, 6.8327



168.8350, 3.5323, -13.0103



172.6570, 3.6201, 5.5628

Complementary

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



171.2090, -7.0050, 6.8327



164.7910, 7.0050, -6.8327

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.



171.8950, 5.9678, -0.7849



171.2090, -7.0050, 6.8327



169.5300, 6.1477, -11.8658

Square

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



171.2090, -7.0050, 6.8327



168.6350, 0.1799, -11.0809



170.4920, 7.1524, -7.4475



172.4790, 0.2569, 10.9809

Rectangle

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



171.2090, -7.0050, 6.8327



169.7130, -4.7885, -4.1333



170.4920, 7.1524, -7.4475



171.9880, 4.9359, 3.5185

Sweetspot

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



171.2090, -7.0050, 6.8327



228.6260, -2.7736, 2.9590



164.6040, 0.6882, 12.6253



115.1420, -2.0420, 1.6295



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



171.2090, -7.0050, 6.8327



219.7920, -11.2365, 10.7064



175.8940, -9.3147, 0.9700



86.2130, -3.0630, 2.4442



98.5770, -48.5985, 47.7290



16.5790, -8.1734, 8.2622

Inverse Universe

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



164.7910, 7.0050, -6.8327



209.2080, 11.2365, -10.7064



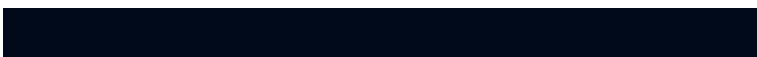
160.1060, 9.3147, -0.9700



83.3740, 2.7736, -2.9590



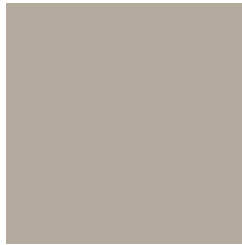
54.4230, 48.5985, -47.7290



8.8340, 8.4628, -7.7474

Previews

White Background



This preview shows how the YUV color 171.2090, -7.0050, 6.8327 looks on a white background.

Color Contrast Check

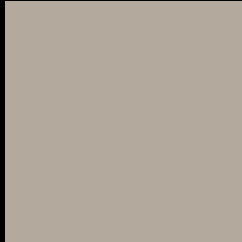
Large Text (above 18pt) WCAG AA × Fail

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 171.2090, -7.0050, 6.8327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

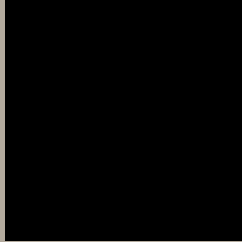
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

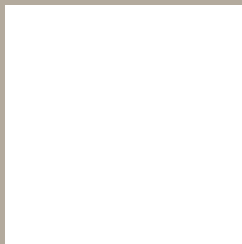
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 171.2090, -7.0050, 6.8327

Background



This preview shows how black text looks on a background with the YUV color 171.2090, -7.0050, 6.8327.

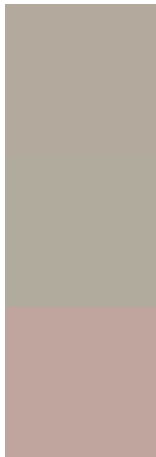


This preview shows how white text looks on a background with the YUV color 171.2090, -7.0050,

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

171.2090, -7.0050, 6.8327

Protanopia

171.1980, -6.9996, 5.0884

Deuteranopia

172.2750, -7.0376, 17.2988



Tritanopia

172.9670, 3.4673, 7.9219

Trichromacy



Original Color

171.2090, -7.0050, 6.8327

Protanomaly

171.4970, -7.1470, 5.7031

Deuteranomaly

171.9540, -6.8793, 13.1953

Tritanomaly

172.3430, -0.1691, 7.5922

Monochromacy



Original Color

171.2090, -7.0050, 6.8327

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

171.3270, -2.6262, 2.3442

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.2090, -7.0050, 6.8327 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(179, 170, 157)` looks like.

```
.text, #text, p{  
    color:rgb(179, 170, 157)  
}
```

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(179, 170, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 170, 157) }
```

Border

The CSS property to change the border of an element to YUV 171.2090, -7.0050, 6.8327 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(179, 170, 157) }
```


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

```
.border{ border-color:rgb(179, 170, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 170, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 170, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 170, 157);  
box-shadow:4px 4px 4px 4px rgb(179, 170,  
157) }
```

Background

The CSS property to change the background color of an element to YUV 171.2090, -7.0050, 6.8327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 170, 157) }
```

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

```
.background{ background-color: rgb(179,  
170, 157) }
```

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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