

Converting Colors

YUV(169.7550, 21.8128, 3.7229)

Have a look what the booklet for
YUV(169.7550, 21.8128, 3.7229)
contains.

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Color

**YUV(169.7550, 21.8128,
3.7229)**

Conversions

Conversions Part 1

Format	Color
Hex	AE9FD6
RGB	174, 159, 214
RGB Percent	68%, 62%, 84%
CMY	0.3176, 0.3765, 0.1608
CMYK	0.19, 0.26, 0.00, 0.16
HSL	256°, 40%, 73%
HSV	256°, 26%, 84%
XYZ	41.9913, 38.6500, 68.8653
YIQ	169.7550, -8.7150, 20.2850

Conversions

Conversions Part 2

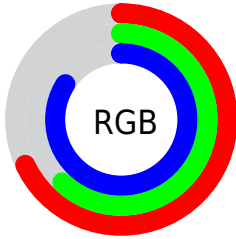
Format	Color
RYB	174, 159, 214
Decimal	11444182
CIELab	68.50, 16.60, -25.99
CIElCh	68, 30.841, 302.566
Yxy	38.6500, 0.2809, 0.2585
Android (android.graphics.Color)	4289634262 (0xFFAE9FD6)
YUV	169.7550, 21.8128, 3.7229
Hunter-Lab	62.1691, 11.7695, -22.1577

Details

The YUV color **169.7550, 21.8128, 3.7229** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **203.2450, -21.8128, -3.7229**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.4580, 15.5502, 5.7373**, and **117.7010, 20.3604, 2.8932** is the 20% darker color. If you saturate the color by 10%, you get **152.6440, 30.2485, 4.6972**, and if you desaturate by 10%, it is **186.8660, 13.3771, 2.7485**.

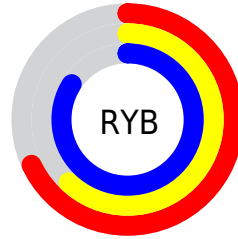
Distribution



Red (68%)

Green (62%)

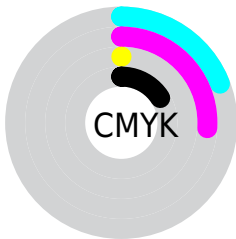
Blue (84%)



Red (68%)

Yellow (62%)

Blue (84%)

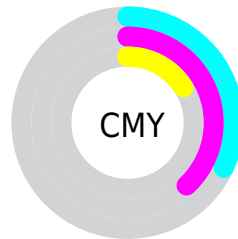


Cyan (19%)

Magenta (26%)

Yellow (0%)

Black (16%)



Cyan (32%)

Magenta (38%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 169.7550, 21.8128, 3.7229 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 169.7550, 21.8128, 3.7229 by changing the saturation by 10% instead.

■ 169.7550, 21.8128,
3.7229

■ 169.7550, 21.8128,
3.7229

■ 255.0000, 0.0000,
0.0000

■ 143.2280, 21.0866,
3.3080

■ 223.4580, 15.5502,
5.7373

■ 117.7010, 20.3604,
2.8932

■ 247.3690, 3.7621,
6.6924

■ 92.2880, 20.0710,
2.3784

■ 68.6470, 18.9080,
2.0636

■ 45.8210, 18.3292,
1.0340

■ 24.5820, 17.4611,
-0.5104

■ 4.3320, 16.5983,

-3.7992

■ 2.1830, 5.8258,
-1.9145

■ 0.0000, 0.0000,
0.0000

■ 169.7550, 21.8128,
3.7229

■ 169.7550, 21.8128,
3.7229

■ 152.6440, 30.2485,
4.6972

■ 186.8660, 13.3771,
2.7485

■ 135.2450, 38.8262,
6.8011

■ 204.2650, 4.7994,
0.6446

■ 118.1340, 47.2619,
7.7755

■ 221.3760, -3.6364,
-0.3298

■ 100.7350, 55.8396,
9.8794

■ 238.7750,
-12.2141, -2.4337

■ 83.6240, 64.2754,
10.8538

■ 249.4290,
-17.4665, 2.2548

■ 66.8120, 72.5637,
12.4429

■ 250.3260,
-17.9087, 4.0991

■ 49.1140, 81.2888,
13.9320

■ 41.7380, 84.9252,
14.2618

Harmonies

Analogous

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



164.5770, 28.3095, -26.8160



169.7550, 21.8128, 3.7229



171.3470, 10.6749, 29.5137

Triad

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



169.7550, 21.8128, 3.7229



167.8030, -24.5529, 35.2528



153.0100, 7.8831, -55.2598

Complementary

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



169.7550, 21.8128, 3.7229



203.2450, -21.8128, -3.7229

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.



158.0980, -8.9223, -31.6579



169.7550, 21.8128, 3.7229



165.1120, -26.6772, 16.5648

Square

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



169.7550, 21.8128, 3.7229



169.2740, -15.4181, 45.3637



161.7500, -21.0757, -6.7968



150.7170, 22.3245, -67.2808

Rectangle

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



169.7550, 21.8128, 3.7229



171.1220, 1.9119, 40.2350



161.7500, -21.0757, -6.7968



154.8600, 2.0410, -48.1122

Sweetspot

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



169.7550, 21.8128, 3.7229



238.7750, 7.9989, 1.0743



188.7500, 12.4482, -26.0907



117.3790, 5.2362, 0.5446



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.



169.7550, 21.8128, 3.7229



191.5840, 31.2641, 5.6268



177.8280, 17.8328, 20.3218



98.1510, 4.3626, 0.7446



33.5470, 67.7643, 11.7983



8.4900, 17.0134, 3.0783

Inverse Universe

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



180.0050, 9.3645, 29.8136



206.1190, 13.2523, 42.8686



195.1720, -17.8328, -20.3218



100.2010, 1.8729, 5.9627



65.2650, 28.9564, 92.7296



16.5050, 7.6390, 23.2361

Previews

White Background



This preview shows how the YUV color 169.7550, 21.8128, 3.7229 looks on a white background.

Color Contrast Check

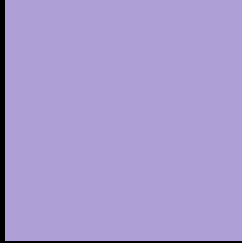
Large Text (above 18pt) WCAG AA × Fail

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 169.7550, 21.8128, 3.7229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

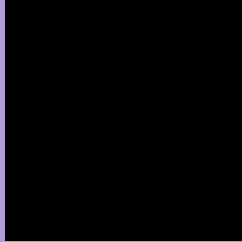
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 169.7550, 21.8128, 3.7229

Background



This preview shows how black text looks on a background with the YUV color 169.7550, 21.8128, 3.7229.



This preview shows how white text looks on a background with the YUV color 169.7550, 21.8128,

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

169.7550, 21.8128, 3.7229

Protanopia

167.4540, 24.9192, -12.6762

Deuteranopia

168.0910, 22.1401, -7.9728



Tritanopia

168.0800, 5.3836, -0.0702

Trichromacy



Original Color

169.7550, 21.8128, 3.7229

Protanomaly

168.5580, 23.8819, -6.6284

Deuteranomaly

168.4120, 21.9819, -3.8693

Tritanomaly

168.3990, 11.6353, 1.4041

Monochromacy



Original Color

169.7550, 21.8128, 3.7229

Achromatopsia

170.0000, 0.0000, 0.0000

Achromatomaly

169.7750, 7.9989, 1.0743

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.7550, 21.8128, 3.7229 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(174, 159, 214)` looks like.

```
.text, #text, p{  
    color:rgb(174, 159, 214)  
}
```

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(174, 159, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 159, 214) }
```

Border

The CSS property to change the border of an element to YUV 169.7550, 21.8128, 3.7229 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(174, 159, 214) }
```


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

```
.border{ border-color:rgb(174, 159, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 159, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 159, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 159, 214);  
box-shadow:4px 4px 4px 4px rgb(174, 159,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 169.7550, 21.8128, 3.7229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 159, 214) }
```

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

```
.background{ background-color: rgb(174,  
159, 214) }
```

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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