

Converting Colors

YUV(172.5470, 7.1253, 1.2743)

Have a look what the booklet for
YUV(172.5470, 7.1253, 1.2743)
contains.

YUV(172.5470, 7.1253, 1.2743)	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(172.5470, 7.1253,
1.2743)**

Conversions

Conversions Part 1

Format	Color
Hex	AEA9BB
RGB	174, 169, 187
RGB Percent	68%, 66%, 73%
CMY	0.3176, 0.3373, 0.2667
CMYK	0.07, 0.10, 0.00, 0.27
HSL	257°, 12%, 70%
HSV	257°, 10%, 73%
XYZ	40.6132, 40.9625, 52.7797
YIQ	172.5470, -2.7980, 6.6580

Conversions

Conversions Part 2

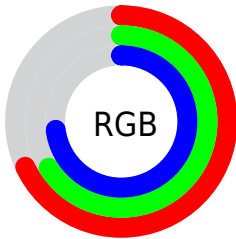
Format	Color
RYB	174, 169, 187
Decimal	11446715
CIELab	70.15, 5.26, -8.57
CIELCh	70, 10.062, 301.550
Yxy	40.9625, 0.3023, 0.3049
Android (android.graphics.Color)	4289636795 (0xFFAEA9BB)
YUV	172.5470, 7.1253, 1.2743
Hunter-Lab	64.0019, 1.2659, -4.0926

Details

The YUV color $172.5470, 7.1253, 1.2743$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $183.4530, -7.1253, -1.2743$, and the grayscale version is $172.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $227.9600, 7.4147, 1.7891$, and $120.4330, 6.6885, 1.3743$ is the 20% darker color. If you saturate the color by 10%, you get $157.2080, 14.6875, 2.4486$, and if you desaturate by 10%, it is $187.8860, -0.4368, 0.1000$.

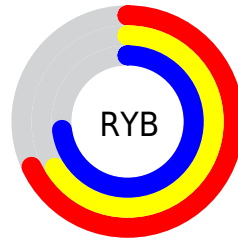
Distribution



Red (68%)

Green (66%)

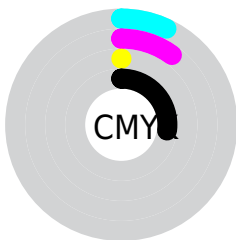
Blue (73%)



Red (68%)

Yellow (66%)

Blue (73%)

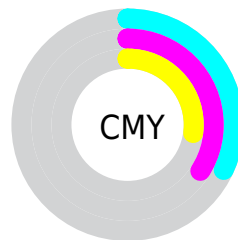


Cyan (7%)

Magenta (10%)

Yellow (0%)

Black (27%)



Cyan (32%)

Magenta (34%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.5470, 7.1253, 1.2743 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 172.5470, 7.1253, 1.2743 by changing the saturation by 10% instead.

■ 172.5470, 7.1253,
1.2743

■ 172.5470, 7.1253,
1.2743

■ 255.0000, 0.0000,
0.0000

■ 146.1340, 6.8359,
0.7595

■ 227.9600, 7.4147,
1.7891

■ 120.4330, 6.6885,
1.3743

■ 253.8260, 0.5788,
1.0296

■ 95.4330, 6.6885,
1.3743

■ 71.9060, 5.9623,
0.9594

■ 49.4930, 5.6730,
0.4446

■ 28.3790, 5.2362,
0.5446

■ 3.3620, 7.7095,

0.5595

■ 0.0000, 0.0000,
0.0000

■ 172.5470, 7.1253,
1.2743

■ 172.5470, 7.1253,
1.2743

■ 157.2080, 14.6875,
2.4486

■ 187.8860, -0.4368,
0.1000

■ 142.7550, 21.8128,
3.7229

■ 202.3390, -7.5621,
-1.1743

■ 127.4160, 29.3749,
4.8972

■ 217.6780,
-15.1243, -2.3486

■ 112.3760, 36.7896,
6.6862

■ 232.7180,
-22.5390, -4.1377

■ 97.6240, 44.0624,
7.3458

■ 243.3610,
-27.7860, -1.1936

■ 82.5840, 51.4771,
9.1348

■ 247.2480,
-29.7023, 6.7985

■ 67.2450, 59.0392,
10.3091

■ 52.2050, 66.4539,
12.0982

■ 37.4530, 73.7267,
12.7577

Harmonies

Analogous

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



171.3610, 9.1890, -7.3326



172.5470, 7.1253, 1.2743



173.5650, 3.1725, 9.1515

Triad

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



172.5470, 7.1253, 1.2743



172.3130, -8.0423, 12.8805



168.6560, 1.6486, -15.4843

Complementary

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



172.5470, 7.1253, 1.2743



183.4530, -7.1253, -1.2743

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.



169.1360, -3.0250, -9.7663



172.5470, 7.1253, 1.2743



171.3400, -9.0416, 6.7178

Square

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



172.5470, 7.1253, 1.2743



173.0190, -5.4324, 15.7693



170.1540, -6.9779, -1.8891



169.0840, 5.8746, -17.6137

Rectangle

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



172.5470, 7.1253, 1.2743



173.7890, 0.1040, 13.3400



170.1540, -6.9779, -1.8891



168.7980, -0.3934, -13.8548

Sweetspot

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



172.5470, 7.1253, 1.2743



236.3960, 2.7628, 0.5297



178.6830, 4.1003, -8.4920



118.7550, 1.5998, 0.2149



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



172.5470, 7.1253, 1.2743



218.6980, 11.4879, 2.0189



175.2380, 5.7987, 6.8073



86.9230, 3.4890, 0.9445



31.1680, 62.5282, 11.2537



6.2250, 12.2141, 2.4337

Inverse Universe

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



175.8640, 3.0250, 9.7663



224.0650, 4.8980, 15.7290



180.7620, -5.7987, -6.8073



88.4890, 1.7309, 4.8331



60.2380, 26.5047, 85.7373



11.7770, 5.0399, 16.8586

Previews

White Background



This preview shows how the YUV color 172.5470, 7.1253, 1.2743 looks on a white background.

Color Contrast Check

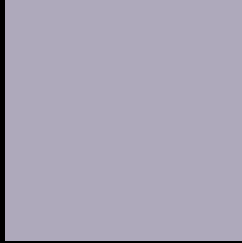
Large Text (above 18pt) WCAG AA × Fail

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 172.5470, 7.1253, 1.2743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

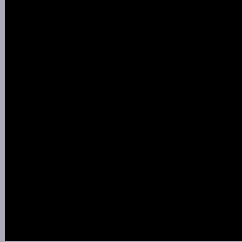
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 172.5470, 7.1253, 1.2743

Background



This preview shows how black text looks on a background with the YUV color 172.5470, 7.1253, 1.2743.



This preview shows how white text looks on a background with the YUV color 172.5470, 7.1253,

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

172.5470, 7.1253, 1.2743

Protanopia

172.0520, 7.8624, -1.7996

Deuteranopia

173.4660, 6.6723, 6.6073



Tritanopia

172.3790, 5.2362, 0.5446

Trichromacy



Original Color

172.5470, 7.1253, 1.2743

Protanomaly

172.3510, 7.7150, -1.1848

Deuteranomaly

173.1560, 6.8251, 4.2482

Tritanomaly

172.4930, 5.6730, 0.4446

Monochromacy



Original Color

172.5470, 7.1253, 1.2743

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

172.9830, 2.4734, 0.0149

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.5470, 7.1253, 1.2743 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, 169, 187)` looks like.

```
.text, #text, p{  
    color:rgb(174, 169, 187)  
}
```

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, 169, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 169, 187) }
```

Border

The CSS property to change the border of an element to YUV 172.5470, 7.1253, 1.2743 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, 169, 187) }
```


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

```
.border{ border-color:rgb(174, 169, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 169, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 169, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 169, 187);  
box-shadow:4px 4px 4px 4px rgb(174, 169,  
187) }
```

Background

The CSS property to change the background color of an element to YUV 172.5470, 7.1253, 1.2743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 169, 187) }
```

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

```
.background{ background-color: rgb(174,  
169, 187) }
```

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