

Converting Colors

YUV(170.8850, 41.4687,
-0.7761)

Have a look what the booklet for
YUV(170.8850, 41.4687, -0.7761)
contains.

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Color

**YUV(170.8850, 41.4687,
-0.7761)**

Conversions

Conversions Part 1

Format	Color
Hex	AA9BFF
RGB	170, 155, 255
RGB Percent	67%, 61%, 100%
CMY	0.3333, 0.3922, 0.0000
CMYK	0.33, 0.39, 0.00, 0.00
HSL	249°, 100%, 80%
HSV	249°, 39%, 100%
XYZ	46.3489, 39.2087, 99.7329
YIQ	170.8850, -23.1600, 34.2800

Conversions

Conversions Part 2

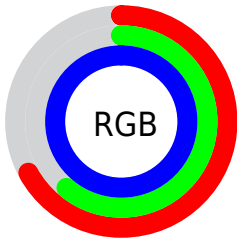
Format	Color
RYB	170, 155, 255
Decimal	11181055
CIELab	68.90, 27.60, -47.85
CIELCh	69, 55.237, 299.973
Yxy	39.2087, 0.2501, 0.2116
Android (android.graphics.Color)	4289371135 (0xFFAA9BFF)
YUV	170.8850, 41.4687, -0.7761
Hunter-Lab	62.6169, 22.5459, -50.6022

Details

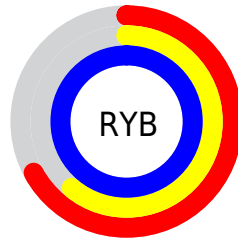
The YUV color $170.8850, 41.4687, -0.7761$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $239.1150, -41.4687, 0.7761$, and the grayscale version is $171.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $220.5120, 17.0026, 6.5670$, and $117.7060, 39.5849, -3.2502$ is the 20% darker color. If you saturate the color by 10%, you get $149.6320, 51.9464, -1.4313$, and if you desaturate by 10%, it is $192.1380, 30.9910, -0.1210$.

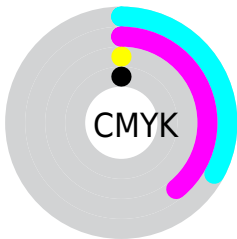
Distribution



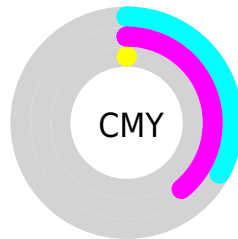
- Red (67%)
- Green (61%)
- Blue (100%)



- Red (67%)
- Yellow (61%)
- Blue (100%)



- Cyan (33%)
- Magenta (39%)
- Yellow (0%)
- Black (0%)



- Cyan (33%)
- Magenta (39%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.8850, 41.4687, -0.7761 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 170.8850, 41.4687, -0.7761 by changing the saturation by 10% instead.

■ 170.8850, 41.4687,
-0.7761

■ 170.8850, 41.4687,
-0.7761

255.0000, 0.0000,
0.0000

■ 143.9450, 40.4531,
-1.7058

■ 220.5120, 17.0026,
6.5670

■ 117.7060, 39.5849,
-3.2502

■ 245.0210, 4.9196,
8.7516

■ 92.3530, 38.2800,
-4.6946

■ 66.8150, 37.5592,
-6.8538

■ 42.2550, 36.8493,
-12.5016

■ 19.2930, 35.8446,
-16.9200

■ 7.7520, 29.7023,

-6.7985

■ 6.7770, 18.3509,
-5.9434

■ 3.2090, 9.7570,
-2.8143

■ 170.8850, 41.4687,
-0.7761

■ 170.8850, 41.4687,
-0.7761

■ 149.6320, 51.9464,
-1.4313

■ 192.1380, 30.9910,
-0.1210

■ 128.0910, 62.5661,
-0.9568

■ 213.6790, 20.3713,
-0.5955

■ 106.8380, 73.0439,
-1.6119

■ 235.5190, 9.6041,
-0.4552

■ 84.9980, 83.8110,
-1.7522

■ 255.0000, 0.0000,
0.0000

■ 63.4570, 94.4307,
-1.2778

■ 42.2040, 104.9084,
-1.9329

■ 40.4320, 105.7820,
-2.1329

Harmonies

Analogous

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



149.7460, 51.8902, -76.9532



170.8850, 41.4687, -0.7761



172.6820, 22.8348, 49.3909

Triad

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



170.8850, 41.4687, -0.7761



166.2010, -41.5111, 61.2137



132.2150, 16.6560, -115.9526

Complementary

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



170.8850, 41.4687, -0.7761



239.1150, -41.4687, 0.7761

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.



147.4890, -15.5241, -60.9419



170.8850, 41.4687, -0.7761



162.6410, -49.1230, 29.2558

Square

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



170.8850, 41.4687, -0.7761



166.3490, -22.3571, 77.7469



158.0920, -39.9784, -10.6047



137.4420, 39.2221, -120.5366

Rectangle

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



170.8850, 41.4687, -0.7761



170.6280, 8.0714, 71.3632



158.0920, -39.9784, -10.6047



129.6900, 9.5198, -113.7381

Sweetspot

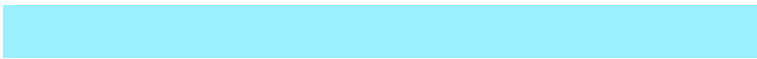
The Sweet Spot groups the original color and five complimentary colors.



170.8850, 41.4687, -0.7761



229.0290, 12.8037, -0.0254



216.2950, 19.0816, -53.7557



112.6500, 7.5676, -0.5700



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.



170.8850, 41.4687, -0.7761



154.0620, 49.7624, -0.9314



185.8350, 34.0983, 29.9627



117.0800, 5.3836, -0.0702



30.4450, 79.1536, -1.2673



10.2860, 26.4810, -0.2508

Inverse Universe

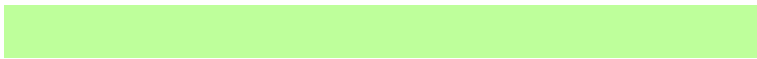
The Inverse Universe completely reimagines the original color for something new.



194.5900, 22.3871, 52.9796



182.5080, 26.8646, 63.5755



224.1650, -34.0983, -29.9627



120.1410, 2.8885, 6.8923



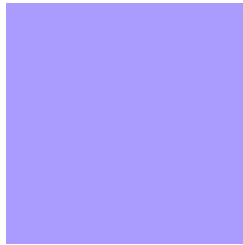
75.6910, 43.0433, 101.1260



25.2920, 14.1530, 33.9469

Previews

White Background



This preview shows how the YUV color 170.8850, 41.4687, -0.7761 looks on a white background.

Color Contrast Check

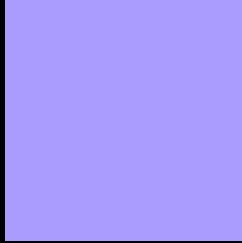
Large Text (above 18pt) WCAG AA × Fail

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 170.8850, 41.4687, -0.7761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

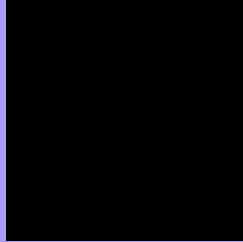
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 170.8850, 41.4687, -0.7761

Background



This preview shows how black text looks on a background with the YUV color 170.8850, 41.4687, -0.7761.



This preview shows how white text looks on a background with the YUV color 170.8850, 41.4687, -0.7761.

-0.7761.

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

170.8850, 41.4687, -0.7761

Protanopia

166.5890, 43.5866, -26.8266

Deuteranopia

165.3280, 42.7293, -31.8597



Tritanopia

167.1110, 8.3263, -10.6213

Trichromacy



Original Color

170.8850, 41.4687, -0.7761

Protanomaly

167.8290, 42.9753, -17.3900

Deuteranomaly

167.5790, 42.1126, -20.6788

Tritanomaly

168.6350, 20.3929, -7.5729

Monochromacy



Original Color

170.8850, 41.4687, -0.7761

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

171.0120, 15.2771, -0.0105

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.8850, 41.4687, -0.7761 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(170, 155, 255)` looks like.

```
.text, #text, p{  
    color:rgb(170, 155, 255)  
}
```

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(170, 155, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 155, 255) }
```

Border

The CSS property to change the border of an element to YUV 170.8850, 41.4687, -0.7761 is called "border". The border property can be set on classes, ids or directly on the HTML element.

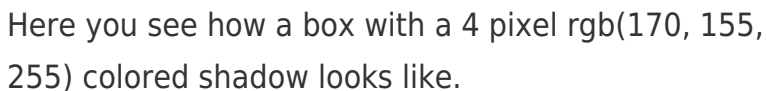
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(170, 155, 255) }
```


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

```
.border{ border-color:rgb(170, 155, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(170, 155, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(170, 155, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(170, 155, 255); box-shadow:4px 4px 4px 4px rgb(170, 155, 255) }
```

Background

The CSS property to change the background color of an element to YUV 170.8850, 41.4687, -0.7761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 155, 255) }
```

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

```
.background{ background-color: rgb(170,  
155, 255) }
```

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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