

Converting Colors

YUV(171.7930, 41.0211, 2.8125)

Have a look what the booklet for
YUV(171.7930, 41.0211, 2.8125)
contains.

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Color

**YUV(171.7930, 41.0211,
2.8125)**

Conversions

Conversions Part 1

Format	Color
Hex	AF9AFF
RGB	175, 154, 255
RGB Percent	69%, 60%, 100%
CMY	0.3137, 0.3961, 0.0000
CMYK	0.31, 0.40, 0.00, 0.00
HSL	252°, 100%, 80%
HSV	252°, 40%, 100%
XYZ	47.2848, 39.4452, 99.7292
YIQ	171.7930, -19.9050, 35.8630

Conversions

Conversions Part 2

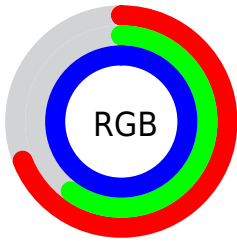
Format	Color
R_{YB}	175, 154, 255
Decimal	11508479
CIE _{Lab}	69.07, 29.49, -47.55
CIE _{LCh}	69, 55.957, 301.807
Yxy	39.4452, 0.2536, 0.2115
Android (android.graphics.Color)	4289698559 (0xFFAF9AFF)
YUV	171.7930, 41.0211, 2.8125
Hunter-Lab	62.8054, 24.4793, -50.1834

Details

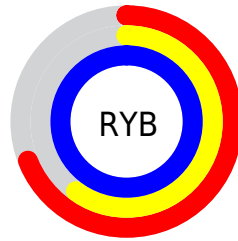
The YUV color **171.7930, 41.0211, 2.8125** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **237.2070, -41.0211, -2.8125**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.4200, 16.5549, 10.1557**, and **118.6140, 39.1373, 0.3385** is the 20% darker color. If you saturate the color by 10%, you get **151.1380, 51.2040, 3.3870**, and if you desaturate by 10%, it is **192.4480, 30.8381, 2.2381**.

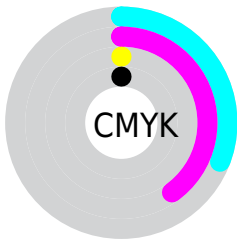
Distribution



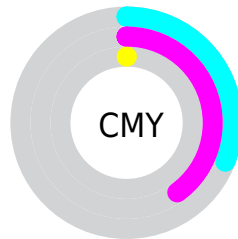
- Red (69%)
- Green (60%)
- Blue (100%)



- Red (69%)
- Yellow (60%)
- Blue (100%)



- Cyan (31%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)



- Cyan (31%)
- Magenta (40%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.7930, 41.0211, 2.8125 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 171.7930, 41.0211, 2.8125 by changing the saturation by 10% instead.

■ 171.7930, 41.0211,
2.8125

■ 171.7930, 41.0211,
2.8125

255.0000, 0.0000,
0.0000

■ 144.8530, 40.0055,
1.8829

■ 221.4200, 16.5549,
10.1557

■ 118.6140, 39.1373,
0.3385

■ 244.4340, 5.2090,
9.2664

■ 92.6740, 38.1217,
-0.5911

■ 68.0220, 36.9642,
-2.6503

■ 43.4730, 36.2488,
-6.5538

■ 18.1190, 36.4233,
-15.8904

■ 7.7520, 29.7023,

-6.7985

■ 6.7770, 18.3509,
-5.9434

■ 3.2090, 9.7570,
-2.8143

■ 171.7930, 41.0211,
2.8125

■ 171.7930, 41.0211,
2.8125

■ 151.1380, 51.2040,
3.3870

■ 192.4480, 30.8381,
2.2381

■ 129.8960, 61.6763,
4.4762

■ 213.6900, 20.3658,
1.1489

■ 108.9420, 72.0066,
4.4359

■ 235.2310, 9.7461,
0.6744

■ 87.7000, 82.4789,
5.5251

■ 255.0000, 0.0000,
0.0000

■ 66.4580, 92.9512,
6.6143

■ 45.8030, 103.1341,
7.1888

■ 44.9170, 103.5709,
7.0888

Harmonies

Analogous

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



151.5510, 51.0004, -71.5202



171.7930, 41.0211, 2.8125



173.0630, 21.6609, 52.5647

Triad

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



171.7930, 41.0211, 2.8125



166.1470, -42.9635, 60.3841



133.2580, 18.1138, -116.8673

Complementary

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



171.7930, 41.0211, 2.8125



237.2070, -41.0211, -2.8125

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.



146.3250, -13.4712, -66.0600



171.7930, 41.0211, 2.8125



163.1030, -49.8438, 27.0967

Square

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



171.7930, 41.0211, 2.8125



166.5940, -23.9568, 77.5321



157.5970, -39.2413, -13.6786



138.4850, 40.6799, -121.4513

Rectangle

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



171.7930, 41.0211, 2.8125



170.4110, 7.1924, 73.3076



157.5970, -39.2413, -13.6786



130.6190, 10.5408, -114.5529

Sweetspot

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



171.7930, 41.0211, 2.8125



229.6270, 12.5089, 1.2041



213.0610, 20.6759, -51.7965



112.9490, 7.4201, 0.0447



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.



171.7930, 41.0211, 2.8125



154.3830, 49.6042, 3.1721



186.7430, 33.6507, 33.5514



117.0800, 5.3836, -0.0702



33.7340, 77.5321, 5.4953



11.1830, 26.0388, 1.5935

Inverse Universe

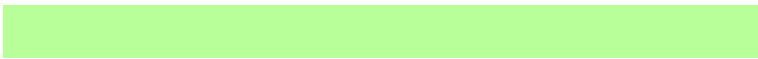
The Inverse Universe completely reimagines the original color for something new.



193.3190, 20.0557, 54.0942



180.5360, 24.3858, 65.3049



222.2570, -33.6507, -33.5514



120.0270, 2.4517, 6.9923



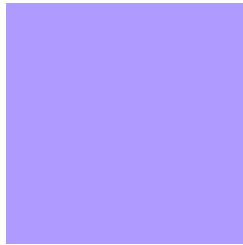
74.3230, 37.8018, 102.3257



24.8360, 12.4059, 34.3468

Previews

White Background



This preview shows how the YUV color 171.7930, 41.0211, 2.8125 looks on a white background.

Color Contrast Check

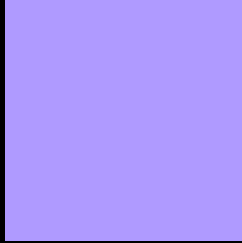
Large Text (above 18pt) WCAG AA × Fail

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 171.7930, 41.0211, 2.8125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

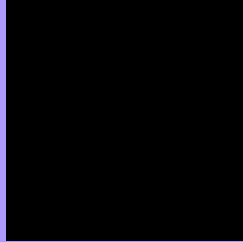
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 171.7930, 41.0211, 2.8125

Background



This preview shows how black text looks on a background with the YUV color 171.7930, 41.0211, 2.8125.



This preview shows how white text looks on a background with the YUV color 171.7930, 41.0211, 2.8125.

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

171.7930, 41.0211, 2.8125

Protanopia

167.4750, 43.1498, -26.7266

Deuteranopia

166.2140, 42.2925, -31.7597



Tritanopia

167.9050, 7.4418, -6.9327

Trichromacy



Original Color

171.7930, 41.0211, 2.8125

Protanomaly

169.3130, 42.2437, -16.0605

Deuteranomaly

168.1770, 41.8177, -19.4492

Tritanomaly

169.4290, 19.5085, -3.8842

Monochromacy



Original Color

171.7930, 41.0211, 2.8125

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

171.6100, 14.9823, 1.2190

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.7930, 41.0211, 2.8125 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(175, 154, 255)` looks like.

```
.text, #text, p{  
    color:rgb(175, 154, 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(175, 154, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 154, 255) }
```

Border

The CSS property to change the border of an element to YUV 171.7930, 41.0211, 2.8125 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(175, 154, 255) }
```


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

```
.border{ border-color:rgb(175, 154, 255) }
```

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

Here you see how a box with a 4 pixel rgb(175, 154, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 154, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 154, 255);  
box-shadow:4px 4px 4px 4px rgb(175, 154,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 171.7930, 41.0211, 2.8125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 154, 255) }
```

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

```
.background{ background-color: rgb(175,  
154, 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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