

Converting Colors

YUV(171.9430, 26.6501,
-7.8430)

Have a look what the booklet for
YUV(171.9430, 26.6501, -7.8430)
contains.

YUV(171.9430, 26.6501, -7.8430)	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(171.9430, 26.6501,
-7.8430)**

Conversions

Conversions Part 1

Format	Color
Hex	A3A6E2
RGB	163, 166, 226
RGB Percent	64%, 65%, 89%
CMY	0.3608, 0.3490, 0.1137
CMYK	0.28, 0.27, 0.00, 0.11
HSL	237°, 52%, 76%
HSV	237°, 28%, 89%
XYZ	42.4679, 40.5500, 77.5401
YIQ	171.9430, -21.0480, 18.0240

Conversions

Conversions Part 2

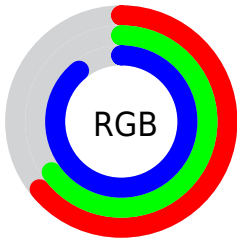
Format	Color
RYB	163, 166, 226
Decimal	10725090
CIELab	69.86, 12.16, -30.57
CIELCh	70, 32.899, 291.698
Yxy	40.5500, 0.2645, 0.2526
Android (android.graphics.Color)	4288915170 (0xFFA3A6E2)
YUV	171.9430, 26.6501, -7.8430
Hunter-Lab	63.6788, 7.6051, -27.6207

Details

The YUV color **171.9430, 26.6501, -7.8430** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **217.0570, -26.6501, 7.8430**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.2780, 15.1459, -4.6288**, and **119.1880, 25.0503, -8.0579** is the 20% darker color. If you saturate the color by 10%, you get **152.1520, 36.4071, -10.6573**, and if you desaturate by 10%, it is **191.7340, 16.8931, -5.0287**.

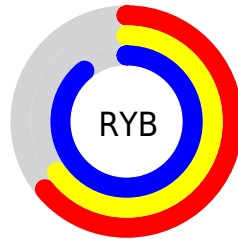
Distribution



Red (64%)

Green (65%)

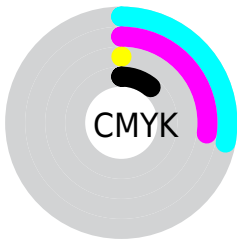
Blue (89%)



Red (64%)

Yellow (65%)

Blue (89%)

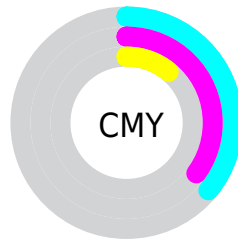


Cyan (28%)

Magenta (27%)

Yellow (0%)

Black (11%)



Cyan (36%)

Magenta (35%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.9430, 26.6501, -7.8430 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 171.9430, 26.6501, -7.8430 by changing the saturation by 10% instead.

■ 171.9430, 26.6501,
-7.8430

■ 171.9430, 26.6501,
-7.8430

■ 255.0000, 0.0000,
0.0000

■ 145.4160, 25.9239,
-8.2578

■ 224.2780, 15.1459,
-4.6288

■ 119.1880, 25.0503,
-8.0579

■ 249.9720, 2.4788,
-1.7294

■ 94.3620, 24.4715,
-9.0875

■ 69.8350, 23.7453,
-9.5023

■ 46.8840, 22.7352,
-12.1763

■ 22.5520, 22.8989,
-18.0241

■ 5.3580, 20.5295,

-4.6990

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 171.9430, 26.6501,
-7.8430

■ 171.9430, 26.6501,
-7.8430

■ 152.1520, 36.4071,
-10.6573

■ 191.7340, 16.8931,
-5.0287

■ 133.2470, 45.7272,
-13.3716

■ 210.6390, 7.5730,
-2.3144

■ 113.4560, 55.4842,
-16.1859

■ 230.4300, -2.1840,
0.4999

■ 94.5510, 64.8044,
-18.9002

■ 249.3350,
-11.5042, 3.2142

■ 74.7600, 74.5613,
-21.7145

■ 251.6940,
-12.6671, 2.8994

■ 55.5560, 84.0289,
-25.0436

■ 36.0640, 93.6384,
-27.2431

■ 32.2210, 95.5330,
-28.2578

Harmonies

Analogous

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



164.4010, 31.8473, -41.5707



171.9430, 26.6501, -7.8430



175.3830, 16.0802, 22.4661

Triad

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



171.9430, 26.6501, -7.8430



171.9010, -23.1222, 43.0598



157.1370, 1.9045, -50.9861

Complementary

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



171.9430, 26.6501, -7.8430



217.0570, -26.6501, 7.8430

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.



162.9480, -14.7644, -24.5104



171.9430, 26.6501, -7.8430



169.7110, -28.4515, 25.6865

Square

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



171.9430, 26.6501, -7.8430



173.3330, -11.5032, 49.6970



166.9530, -25.6128, 1.7952



152.5870, 19.4306, -72.4288

Rectangle

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



171.9430, 26.6501, -7.8430



174.8920, 7.4482, 37.8057



166.9530, -25.6128, 1.7952



159.5850, -4.2324, -42.6090

Sweetspot

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



171.9430, 26.6501, -7.8430



237.8670, 8.4466, -2.5144



206.8210, 7.9762, -38.4310



116.4820, 5.6784, -1.2997



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.



171.9430, 26.6501, -7.8430



182.9240, 35.5335, -10.4573



178.5540, 23.3909, 10.9151



102.8410, 4.5154, -1.6146



24.7600, 74.5613, -21.7145



6.6460, 20.3875, -5.8285

Inverse Universe

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



182.1790, -7.9762, 38.4310



196.5720, -10.6350, 51.2414



210.4460, -23.3909, -10.9151



104.4030, -1.1847, 6.6626



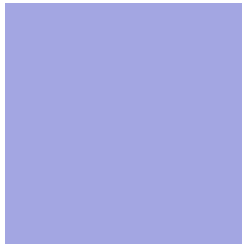
53.5360, -22.4492, 107.4009



14.5800, -6.2019, 29.3093

Previews

White Background



This preview shows how the YUV color 171.9430, 26.6501, -7.8430 looks on a white background.

Color Contrast Check

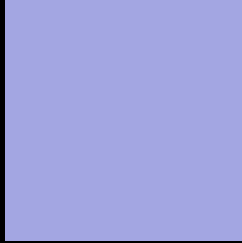
Large Text (above 18pt) WCAG AA × Fail

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 171.9430, 26.6501, -7.8430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

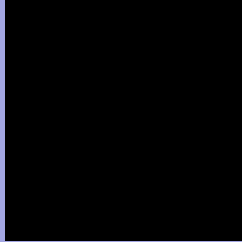
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 171.9430, 26.6501, -7.8430

Background



This preview shows how black text looks on a background with the YUV color 171.9430, 26.6501, -7.8430.



This preview shows how white text looks on a background with the YUV color 171.9430, 26.6501, -7.8430.

-7.8430.

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

171.9430, 26.6501, -7.8430

Protanopia

170.6540, 28.2716, -14.6056

Deuteranopia

171.3230, 26.9558, -12.5613



Tritanopia

169.2140, 8.7685, -12.4657

Trichromacy



Original Color

171.9430, 26.6501, -7.8430

Protanomaly

170.8500, 27.6820, -12.1464

Deuteranomaly

171.3340, 26.9503, -10.8169

Tritanomaly

169.9460, 15.3096, -10.4766

Monochromacy



Original Color

171.9430, 26.6501, -7.8430

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

172.2090, 9.7570, -2.8143

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.9430, 26.6501, -7.8430 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(163, 166, 226)` looks like.

```
.text, #text, p{  
    color:rgb(163, 166, 226)  
}
```

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(163, 166, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 166, 226) }
```

Border

The CSS property to change the border of an element to YUV 171.9430, 26.6501, -7.8430 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(163, 166, 226) }
```


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

```
.border{ border-color:rgb(163, 166, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 166, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(163, 166, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(163, 166, 226); box-shadow:4px 4px 4px 4px rgb(163, 166, 226) }
```

Background

The CSS property to change the background color of an element to YUV 171.9430, 26.6501, -7.8430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 166, 226) }
```

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

```
.background{ background-color: rgb(163,  
166, 226) }
```

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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