

Converting Colors

YUV(163.8000, 26.7206,
-30.5196)

Have a look what the booklet for
YUV(163.8000, 26.7206, -30.5196)
contains.

YUV(163.8000, 26.7206, -30.5196)	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(163.8000, 26.7206,
-30.5196)**

Conversions

Conversions Part 1

Format	Color
Hex	81ABDA
RGB	129, 171, 218
RGB Percent	51%, 67%, 85%
CMY	0.4941, 0.3294, 0.1451
CMYK	0.41, 0.22, 0.00, 0.15
HSL	212°, 55%, 68%
HSV	212°, 41%, 85%
XYZ	36.2711, 38.8549, 71.9177
YIQ	163.8000, -40.1190, 5.7130

Conversions

Conversions Part 2

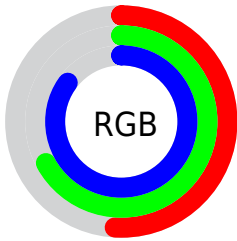
Format	Color
RYB	129, 158, 218
Decimal	8498138
CIELab	68.65, -2.18, -28.23
CIELCh	69, 28.319, 265.576
Yxy	38.8549, 0.2467, 0.2642
Android (android.graphics.Color)	4286688218 (0xFF81ABDA)
YUV	163.8000, 26.7206, -30.5196
Hunter-Lab	62.3337, -5.2175, -24.7725

Details

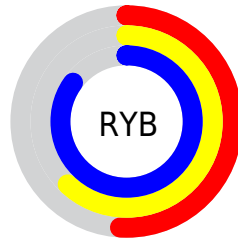
The YUV color **163.8000, 26.7206, -30.5196** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **183.2000, -26.7206, 30.5196**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.0470, 18.7108, -28.1052**, and **110.8600, 25.7050, -31.4492** is the 20% darker color. If you saturate the color by 10%, you get **150.1780, 33.4362, -37.8671**, and if you desaturate by 10%, it is **177.4220, 20.0050, -23.1721**.

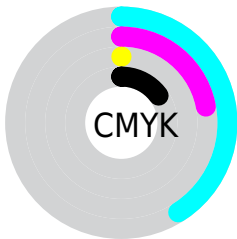
Distribution



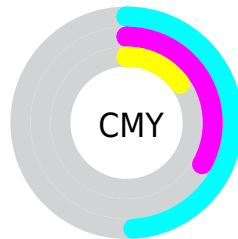
- Red (51%)
- Green (67%)
- Blue (85%)



- Red (51%)
- Yellow (62%)
- Blue (85%)



- Cyan (41%)
- Magenta (22%)
- Yellow (0%)
- Black (15%)



- Cyan (49%)
- Magenta (33%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.8000, 26.7206, -30.5196 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 163.8000, 26.7206, -30.5196 by changing the saturation by 10% instead.

■ 163.8000, 26.7206,
-30.5196

■ 163.8000, 26.7206,
-30.5196

■ 255.0000, 0.0000,
0.0000

■ 137.2730, 25.9944,
-30.9344

■ 217.0470, 18.7108,
-28.1052

■ 110.8600, 25.7050,
-31.4492

■ 242.4420, 6.1911,
-25.8206

■ 84.5500, 25.8579,
-33.8083

■ 251.4120, 1.7689,
-7.3773

■ 57.3210, 26.4637,
-41.5005

■ 38.5670, 23.3845,
-33.8233

■ 23.6180, 19.4153,
-20.7130

■ 6.4350, 17.0405,

-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,
0.0000

■ 163.8000, 26.7206,
-30.5196

■ 163.8000, 26.7206,
-30.5196

■ 150.1780, 33.4362,
-37.8671

■ 177.4220, 20.0050,
-23.1721

■ 137.1430, 39.8625,
-45.7294

■ 190.4570, 13.5787,
-15.3098

■ 123.8200, 46.4307,
-52.4621

■ 203.7800, 7.0105,
-8.5771

■ 110.7850, 52.8570,
-60.3244

■ 216.8150, 0.5842,
-0.7148

■ 97.1630, 59.5726,
-67.6720

■ 230.4370, -6.1314,
6.6328

■ 85.3130, 65.4147,
-74.8195

■ 241.9770,
-11.8207, 11.4212

■ 249.0210,
-15.2934, 5.2436

■ 250.7820,
-16.1615, 3.6992

Harmonies

Analogous

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



157.3150, 25.4807, -52.8963



163.8000, 26.7206, -30.5196



169.1240, 22.1239, -2.7397

Triad

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



163.8000, 26.7206, -30.5196



170.2890, -11.4815, 42.7195



159.9850, -10.8386, -23.6658

Complementary

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



163.8000, 26.7206, -30.5196



183.2000, -26.7206, 30.5196

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.



164.0820, -21.2394, -0.9489



163.8000, 26.7206, -30.5196



168.4270, -20.9165, 35.5825

Square

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



163.8000, 26.7206, -30.5196



171.3560, 0.3175, 38.2758



166.7040, -24.5041, 19.5536



156.2240, 3.3406, -44.9234

Rectangle

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



163.8000, 26.7206, -30.5196



170.9260, 15.8125, 14.9739



166.7040, -24.5041, 19.5536



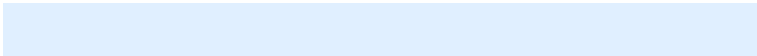
161.5900, -15.0809, -16.3034

Sweetspot

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



163.8000, 26.7206, -30.5196



236.3390, 9.1999, -10.8213



186.4870, -5.6631, -50.4161



116.7480, 5.5472, -5.9180



0.0000, 0.0000, 0.0000



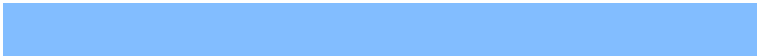
128.0000, 0.0000, 0.0000

Same Dimension

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



163.8000, 26.7206, -30.5196



178.8830, 37.5257, -42.8704



139.4450, 38.7276, -8.2833



103.1890, 3.3578, -3.6738



67.8560, 51.8360, -59.5097



18.1580, 13.7261, -15.9246

Inverse Universe

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



160.3990, 5.2263, 50.5161



174.1010, 7.3452, 70.9484



207.5550, -38.7276, 8.2833



102.8590, 0.5625, 6.2627



61.0750, 10.3160, 98.1582



16.2620, 2.8288, 26.0802

Previews

White Background



This preview shows how the YUV color 163.8000, 26.7206, -30.5196 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 163.8000, 26.7206, -30.5196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

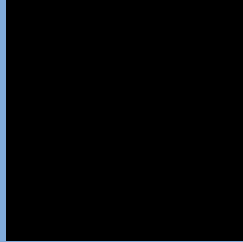
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

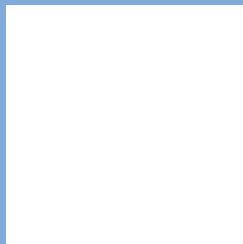
Any Text WCAG AAA ✓ Pass

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

YUV 163.8000, 26.7206, -30.5196 Background



This preview shows how black text looks on a background with the YUV color 163.8000, 26.7206, -30.5196.

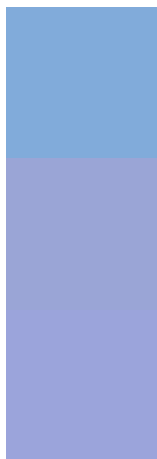


This preview shows how white text looks on a background with the YUV color 163.8000, 26.7206, -30.5196.

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

163.8000, 26.7206, -30.5196

Protanopia

167.2970, 23.0246, -11.6615

Deuteranopia

167.5790, 25.3506, -11.0318



Tritanopia

161.4500, 14.0752, -34.5976

Trichromacy



Original Color

163.8000, 26.7206, -30.5196

Protanomaly

165.8940, 24.2093, -18.3240

Deuteranomaly

166.6490, 25.8090, -18.1092

Tritanomaly

162.3130, 18.5797, -32.7235

Monochromacy



Original Color

163.8000, 26.7206, -30.5196

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

164.1540, 9.7841, -11.5361

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.8000, 26.7206, -30.5196 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(129, 171, 218)` looks like.

```
.text, #text, p{  
    color:rgb(129, 171, 218)  
}
```

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(129, 171, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 171, 218) }
```

Border

The CSS property to change the border of an element to YUV 163.8000, 26.7206, -30.5196 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

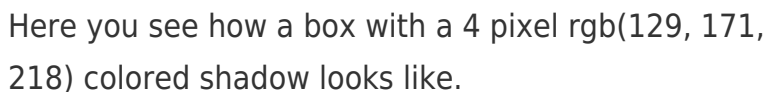
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(129, 171, 218) }
```


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

```
.border{ border-color:rgb(129, 171, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(129, 171, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(129, 171, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(129, 171, 218); box-shadow:4px 4px 4px 4px rgb(129, 171, 218) }
```

Background

The CSS property to change the background color of an element to YUV 163.8000, 26.7206, -30.5196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 171, 218) }
```

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

```
.background{ background-color: rgb(129,  
171, 218) }
```

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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