

Converting Colors

YUV(163.2380, 26.0117,
10.3153)

Have a look what the booklet for
YUV(163.2380, 26.0117, 10.3153)
contains.

YUV(163.2380, 26.0117, 10.3153)	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(163.2380, 26.0117,
10.3153)**

Conversions

Conversions Part 1

Format	Color
Hex	AF93D8
RGB	175, 147, 216
RGB Percent	69%, 58%, 85%
CMY	0.3137, 0.4235, 0.1529
CMYK	0.19, 0.32, 0.00, 0.15
HSL	264°, 47%, 71%
HSV	264°, 32%, 85%
XYZ	40.5076, 34.9393, 69.5747
YIQ	163.2380, -5.4610, 27.3950

Conversions

Conversions Part 2

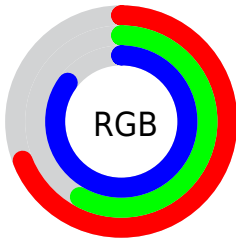
Format	Color
RYB	175, 147, 216
Decimal	11506648
CIELab	65.70, 24.11, -31.40
CIELCh	66, 39.589, 307.521
Yxy	34.9393, 0.2793, 0.2409
Android (android.graphics.Color)	4289696728 (0xFFAF93D8)
YUV	163.2380, 26.0117, 10.3153
Hunter-Lab	59.1094, 18.8842, -28.4106

Details

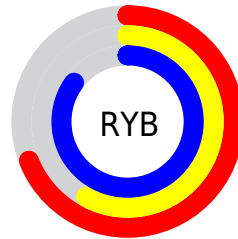
The YUV color **163.2380, 26.0117, 10.3153** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **199.7620, -26.0117, -10.3153**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.1260, 19.1649, 13.0445**, and **110.8850, 24.7067, 8.8709** is the 20% darker color. If you saturate the color by 10%, you get **146.4370, 34.2946, 13.6488**, and if you desaturate by 10%, it is **180.0390, 17.7288, 6.9818**.

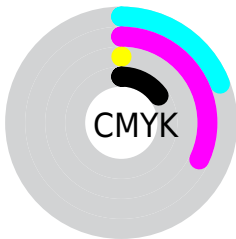
Distribution



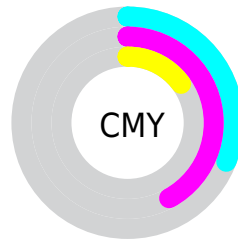
- Red (69%)
- Green (58%)
- Blue (85%)



- Red (69%)
- Yellow (58%)
- Blue (85%)



- Cyan (19%)
- Magenta (32%)
- Yellow (0%)
- Black (15%)



- Cyan (31%)
- Magenta (42%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.2380, 26.0117, 10.3153 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 163.2380, 26.0117, 10.3153 by changing the saturation by 10% instead.

■ 163.2380, 26.0117,
10.3153

■ 163.2380, 26.0117,
10.3153

255.0000, 0.0000,
0.0000

■ 136.7110, 25.2855,
9.9005

■ 216.1260, 19.1649,
13.0445

■ 110.8850, 24.7067,
8.8709

■ 239.7380, 7.5242,
13.3848

■ 86.2440, 23.5437,
8.5560

■ 62.4180, 22.9649,
7.5264

■ 39.1790, 22.0968,
5.9820

■ 17.3530, 21.5180,
4.9524

■ 4.3320, 16.5983,

-3.7992

■ 2.4110, 6.6994,
-2.1144

■ 0.0000, 0.0000,
0.0000

■ 163.2380, 26.0117,
10.3153

■ 163.2380, 26.0117,
10.3153

■ 146.4370, 34.2946,
13.6488

■ 180.0390, 17.7288,
6.9818

■ 130.2230, 42.2881,
16.4674

■ 196.2530, 9.7353,
4.1631

■ 113.4220, 50.5710,
19.8009

■ 213.0540, 1.4524,
0.8296

■ 97.5070, 58.4170,
23.2344

■ 228.9690, -6.3937,
-2.6038

■ 80.7060, 66.6999,
26.5678

■ 245.7700,
-14.6766, -5.9373

■ 63.9050, 74.9828,
29.9013

■ 249.6570,
-16.5929, 2.0548

■ 50.9360, 81.3766,
32.5051

■ 250.5540,
-17.0351, 3.8991

Harmonies

Analogous

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



156.3190, 36.3247, -30.9748



163.2380, 26.0117, 10.3153



163.6520, 11.5106, 41.5242

Triad

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



163.2380, 26.0117, 10.3153



158.5880, -31.8419, 39.8263



129.3190, 19.0697, -96.7498

Complementary

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



163.2380, 26.0117, 10.3153



199.7620, -26.0117, -10.3153

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.



145.1560, -6.9789, -48.3718



163.2380, 26.0117, 10.3153



155.9780, -33.5132, 15.8053

Square

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



163.2380, 26.0117, 10.3153



160.8470, -21.1236, 55.3852



151.7830, -24.5430, -14.7187



126.9270, 37.0110, -111.3150

Rectangle

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



163.2380, 26.0117, 10.3153



163.1560, 0.4161, 53.3602



151.7830, -24.5430, -14.7187



137.4050, 8.6743, -75.7772

Sweetspot

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



163.2380, 26.0117, 10.3153



235.8400, 9.4459, 3.6483



178.9330, 18.2740, -28.0052



115.6180, 6.1043, 2.0890



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.



163.2380, 26.0117, 10.3153



180.7190, 36.6205, 14.2784



173.4040, 20.9998, 31.2177



98.7490, 4.0677, 1.9741



40.1250, 64.5214, 25.3234



10.2840, 16.1290, 6.7669

Inverse Universe

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



172.3050, 7.7376, 38.3205



193.6150, 11.0358, 53.8346



189.5960, -20.9998, -31.2177



100.0870, 1.4361, 6.0627



62.7570, 19.3468, 94.9291



15.8210, 5.0182, 23.8360

Previews

White Background



This preview shows how the YUV color 163.2380, 26.0117, 10.3153 looks on a white background.

Color Contrast Check

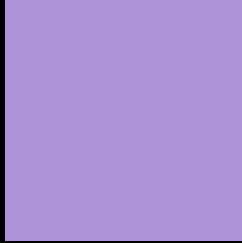
Large Text (above 18pt) WCAG AA × Fail

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 163.2380, 26.0117, 10.3153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

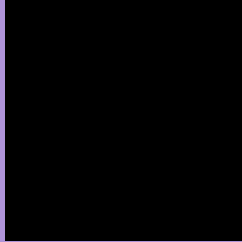
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 163.2380, 26.0117, 10.3153

Background



This preview shows how black text looks on a background with the YUV color 163.2380, 26.0117, 10.3153.



This preview shows how white text looks on a background with the YUV color 163.2380, 26.0117,

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

163.2380, 26.0117, 10.3153

Protanopia

159.2560, 31.9188, -17.7645

Deuteranopia

159.9100, 26.6664, -13.0761



Tritanopia

160.7710, 4.0569, 5.4628

Trichromacy



Original Color

163.2380, 26.0117, 10.3153

Protanomaly

160.4530, 29.8497, -7.4133

Deuteranomaly

160.9650, 26.6393, -4.3543

Tritanomaly

161.8450, 11.9084, 7.1519

Monochromacy



Original Color

163.2380, 26.0117, 10.3153

Achromatopsia

163.0000, 0.0000, 0.0000

Achromatomaly

162.8400, 9.4459, 3.6483

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.2380, 26.0117, 10.3153 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, 147, 216)` looks like.

```
.text, #text, p{  
    color:rgb(175, 147, 216)  
}
```

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, 147, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 147, 216) }
```

Border

The CSS property to change the border of an element to YUV 163.2380, 26.0117, 10.3153 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, 147, 216) }
```


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

```
.border{ border-color:rgb(175, 147, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 147, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 147, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 147, 216);  
box-shadow:4px 4px 4px 4px rgb(175, 147,  
216) }
```

Background

The CSS property to change the background color of an element to YUV 163.2380, 26.0117, 10.3153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 147, 216) }
```

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

```
.background{ background-color: rgb(175,  
147, 216) }
```

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