

Converting Colors

YUV(163.1520, 19.6451,
-1.0103)

Have a look what the booklet for
YUV(163.1520, 19.6451, -1.0103)
contains.

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Color

**YUV(163.1520, 19.6451,
-1.0103)**

Conversions

Conversions Part 1

Format	Color
Hex	A29CCB
RGB	162, 156, 203
RGB Percent	64%, 61%, 80%
CMY	0.3647, 0.3882, 0.2039
CMYK	0.20, 0.23, 0.00, 0.20
HSL	248°, 31%, 70%
HSV	248°, 23%, 80%
XYZ	37.5683, 35.7701, 61.4242
YIQ	163.1520, -11.5110, 15.8890

Conversions

Conversions Part 2

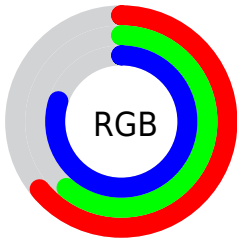
Format	Color
RYB	162, 156, 203
Decimal	10656971
CIELab	66.34, 12.01, -23.28
CIELCh	66, 26.199, 297.288
Yxy	35.7701, 0.2788, 0.2654
Android (android.graphics.Color)	4288847051 (0xFFA29CCB)
YUV	163.1520, 19.6451, -1.0103
Hunter-Lab	59.8081, 7.4599, -19.0264

Details

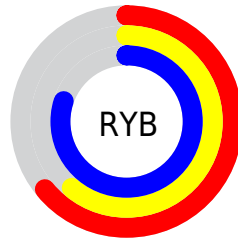
The YUV color $163.1520, 19.6451, -1.0103$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $195.8480, -19.6451, 1.0103$, and the grayscale version is $163.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $217.2230, 18.6241, -0.1956$, and $111.5110, 18.4821, -1.3251$ is the 20% darker color. If you saturate the color by 10%, you get $146.0300, 28.0862, -1.7803$, and if you desaturate by 10%, it is $180.2740, 11.2039, -0.2403$.

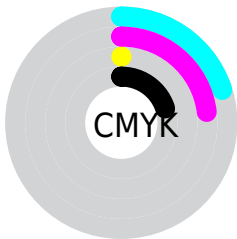
Distribution



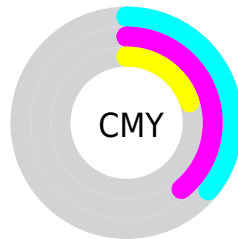
- Red (64%)
- Green (61%)
- Blue (80%)



- Red (64%)
- Yellow (61%)
- Blue (80%)



- Cyan (20%)
- Magenta (23%)
- Yellow (0%)
- Black (20%)



- Cyan (36%)
- Magenta (39%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.1520, 19.6451, -1.0103 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 163.1520, 19.6451, -1.0103 by changing the saturation by 10% instead.

■ 163.1520, 19.6451,
-1.0103

■ 163.1520, 19.6451,
-1.0103

255.0000, 0.0000,
0.0000

■ 136.6250, 18.9189,
-1.4251

■ 217.2230, 18.6241,
-0.1956

■ 111.5110, 18.4821,
-1.3251

■ 242.9170, 5.9569,
2.7038

■ 86.9840, 17.7559,
-1.7400

■ 63.4570, 17.0297,
-2.1548

■ 40.6310, 16.4509,
-3.1844

■ 19.3920, 15.5827,
-4.7288

■ 4.5940, 12.5252,

-4.0289

■ 0.0000, 0.0000,
0.0000

■ 163.1520, 19.6451,
-1.0103

■ 163.1520, 19.6451,
-1.0103

■ 146.0300, 28.0862,
-1.7803

■ 180.2740, 11.2039,
-0.2403

■ 128.6200, 36.6693,
-1.4207

■ 197.6840, 2.6208,
-0.5999

■ 111.4980, 45.1105,
-2.1907

■ 214.8060, -5.8204,
0.1701

■ 94.3760, 53.5516,
-2.9608

■ 231.9280,
-14.2615, 0.9401

■ 77.2540, 61.9928,
-3.7308

■ 247.8760,
-22.1239, 2.7397

■ 59.8440, 70.5759,
-3.3712

■ 249.0720,
-22.7135, 5.1989

■ 42.7220, 79.0171,
-4.1412

■ 30.9160, 84.8374,
-4.3113

Harmonies

Analogous

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



158.5510, 24.3784, -25.9162



163.1520, 19.6451, -1.0103



165.0040, 10.8440, 21.9215

Triad

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



163.1520, 19.6451, -1.0103



162.1600, -19.3059, 32.3087



150.9470, 3.4771, -42.0495

Complementary

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



163.1520, 19.6451, -1.0103



195.8480, -19.6451, 1.0103

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.



154.6260, -9.6756, -23.3510



163.1520, 19.6451, -1.0103



160.1490, -22.7515, 17.4093

Square

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



163.1520, 19.6451, -1.0103



163.6800, -11.1812, 39.7456



157.6520, -19.0554, -1.4488



149.7960, 15.8766, -52.4411

Rectangle

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



163.1520, 19.6451, -1.0103



165.1210, 3.3913, 32.3429



157.6520, -19.0554, -1.4488



152.4270, -1.1965, -36.3315

Sweetspot

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



163.1520, 19.6451, -1.0103



239.6500, 7.5676, -0.5700



186.0120, 8.3751, -26.3205



118.8520, 4.5100, 0.1298



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.



163.1520, 19.6451, -1.0103



194.7850, 29.6860, -1.5654



170.0290, 16.2547, 13.1296



93.4390, 4.2206, -0.3850



25.2030, 69.4129, -3.6860



5.8270, 15.8613, -0.7253

Inverse Universe

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



174.7270, 10.9806, 24.7954



212.2970, 16.6156, 37.4505



188.9710, -16.2547, -13.1296



96.0160, 2.4571, 5.2480



66.1640, 38.8661, 87.5562



15.1240, 8.8129, 20.0623

Previews

White Background



This preview shows how the YUV color 163.1520, 19.6451, -1.0103 looks on a white background.

Color Contrast Check

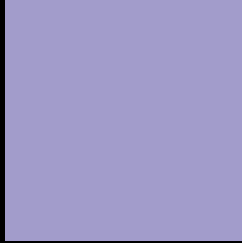
Large Text (above 18pt) WCAG AA × Fail

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 163.1520, 19.6451, -1.0103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

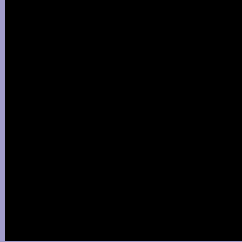
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 163.1520, 19.6451, -1.0103

Background



This preview shows how black text looks on a background with the YUV color 163.1520, 19.6451, -1.0103.



This preview shows how white text looks on a background with the YUV color 163.1520, 19.6451, -1.0103.

-1.0103.

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

163.1520, 19.6451, -1.0103

Protanopia

162.2540, 21.5668, -10.7468

Deuteranopia

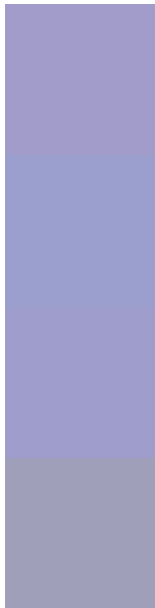
162.5320, 19.9507, -5.7286



Tritanopia

161.2860, 6.2680, -3.7588

Trichromacy



Original Color

163.1520, 19.6451, -1.0103

Protanomaly

162.7490, 20.8297, -7.6729

Deuteranomaly

162.5430, 19.9453, -3.9842

Tritanomaly

161.9640, 11.3567, -2.5994

Monochromacy



Original Color

163.1520, 19.6451, -1.0103

Achromatopsia

163.0000, 0.0000, 0.0000

Achromatomaly

162.9490, 7.4201, 0.0447

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.1520, 19.6451, -1.0103 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(162, 156, 203)` looks like.

```
.text, #text, p{  
    color:rgb(162, 156, 203)  
}
```

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(162, 156, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 156, 203) }
```

Border

The CSS property to change the border of an element to YUV 163.1520, 19.6451, -1.0103 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(162, 156, 203) }
```


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

```
.border{ border-color:rgb(162, 156, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 156, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 156, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 156, 203);  
box-shadow:4px 4px 4px 4px rgb(162, 156,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 163.1520, 19.6451, -1.0103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 156, 203) }
```

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

```
.background{ background-color: rgb(162,  
156, 203) }
```

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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