

Converting Colors

YUV(161.8690, 22.2496, 3.6229)

Have a look what the booklet for
YUV(161.8690, 22.2496, 3.6229)
contains.

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Color

**YUV(161.8690, 22.2496,
3.6229)**

Conversions

Conversions Part 1

Format	Color
Hex	A697CF
RGB	166, 151, 207
RGB Percent	65%, 59%, 81%
CMY	0.3490, 0.4078, 0.1882
CMYK	0.20, 0.27, 0.00, 0.19
HSL	256°, 37%, 70%
HSV	256°, 27%, 81%
XYZ	38.0550, 34.7452, 63.7323
YIQ	161.8690, -9.0360, 20.5960

Conversions

Conversions Part 2

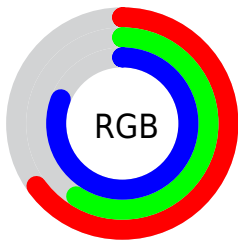
Format	Color
RYB	166, 151, 207
Decimal	10917839
CIELab	65.55, 17.01, -26.70
CIELCh	66, 31.657, 302.507
Yxy	34.7452, 0.2787, 0.2545
Android (android.graphics.Color)	4289107919 (0xFFA697CF)
YUV	161.8690, 22.2496, 3.6229
Hunter-Lab	58.9451, 12.0859, -22.8437

Details

The YUV color **161.8690, 22.2496, 3.6229** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **196.1310, -22.2496, -3.6229**, and the grayscale version is **162.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.7830, 19.3340, 5.4523**, and **109.8150, 20.7972, 2.7932** is the 20% darker color. If you saturate the color by 10%, you get **145.0570, 30.5379, 5.2120**, and if you desaturate by 10%, it is **178.6810, 13.9613, 2.0338**.

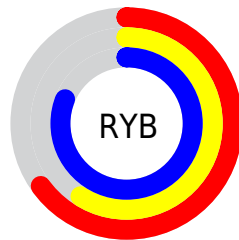
Distribution



Red (65%)

Green (59%)

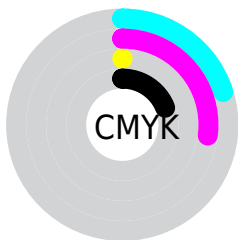
Blue (81%)



Red (65%)

Yellow (59%)

Blue (81%)

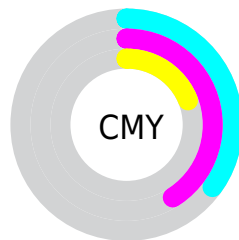


Cyan (20%)

Magenta (27%)

Yellow (0%)

Black (19%)



Cyan (35%)

Magenta (41%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 161.8690, 22.2496, 3.6229 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 161.8690, 22.2496, 3.6229 by changing the saturation by 10% instead.

■ 161.8690, 22.2496,
3.6229

■ 161.8690, 22.2496,
3.6229

■ 255.0000, 0.0000,
0.0000

■ 135.3420, 21.5234,
3.2081

■ 215.7830, 19.3340,
5.4523

■ 109.8150, 20.7972,
2.7932

■ 240.5910, 7.1036,
8.2517

■ 85.2880, 20.0710,
2.3784

■ 61.7610, 19.3448,
1.9636

■ 39.5220, 18.4767,
0.4192

■ 17.6960, 17.8979,
-0.6104

■ 4.8220, 13.3988,

-4.2289

■ 0.4560, 1.7472,
-0.3999

■ 0.0000, 0.0000,
0.0000

■ 161.8690, 22.2496,
3.6229

■ 161.8690, 22.2496,
3.6229

■ 145.0570, 30.5379,
5.2120

■ 178.6810, 13.9613,
2.0338

■ 128.8320, 38.5368,
6.2863

■ 194.9060, 5.9623,
0.9594

■ 112.0200, 46.8251,
7.8755

■ 211.7180, -2.3260,
-0.6297

■ 94.9090, 55.2609,
8.8498

■ 228.8290,
-10.7617, -1.6040

■ 78.0970, 63.5492,
10.4389

■ 245.6410,
-19.0500, -3.1932

■ 61.8720, 71.5481,
11.5133

■ 249.5280,
-20.9663, 4.7989

■ 45.0600, 79.8364,
13.1024

■ 40.0430, 82.3098,
13.1173

Harmonies

Analogous

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



156.0930, 29.0412, -28.1456



161.8690, 22.2496, 3.6229



163.4610, 11.1117, 29.4137

Triad

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



161.8690, 22.2496, 3.6229



159.2160, -24.2635, 35.7676



144.7000, 8.0359, -57.6189

Complementary

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



161.8690, 22.2496, 3.6229



196.1310, -22.2496, -3.6229

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.



149.7990, -8.7749, -32.2727



161.8690, 22.2496, 3.6229



156.9980, -27.1140, 16.6648

Square

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



161.8690, 22.2496, 3.6229



160.9860, -15.2761, 46.4933



154.3370, -21.3651, -7.3115



141.6240, 23.3564, -71.5842

Rectangle

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



161.8690, 22.2496, 3.6229



162.9480, 2.4906, 41.2646



154.3370, -21.3651, -7.3115



146.2620, 2.3358, -49.3418

Sweetspot

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



161.8690, 22.2496, 3.6229



238.7750, 7.9989, 1.0743



181.4510, 12.5957, -26.7055



117.3790, 5.2362, 0.5446



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.



161.8690, 22.2496, 3.6229



188.9260, 32.5745, 5.3269



170.2410, 18.1222, 20.8366



96.1510, 4.3626, 0.7446



32.6070, 66.7487, 10.8687



7.9630, 16.2872, 2.6634

Inverse Universe

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



172.4180, 9.6539, 30.3284



204.3580, 14.1205, 44.4130



187.7590, -18.1222, -20.8366



98.2010, 1.8729, 5.9627



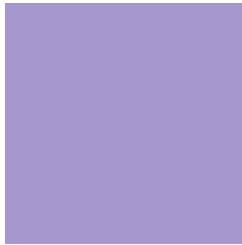
64.2540, 28.9618, 90.9852



15.6790, 7.0603, 22.2065

Previews

White Background



This preview shows how the YUV color 161.8690, 22.2496, 3.6229 looks on a white background.

Color Contrast Check

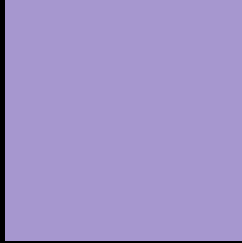
Large Text (above 18pt) WCAG AA × Fail

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 161.8690, 22.2496, 3.6229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

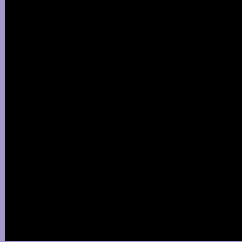
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 161.8690, 22.2496, 3.6229

Background



This preview shows how black text looks on a background with the YUV color 161.8690, 22.2496, 3.6229.



This preview shows how white text looks on a background with the YUV color 161.8690, 22.2496,

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

161.8690, 22.2496, 3.6229

Protanopia

159.3830, 25.9402, -13.4909

Deuteranopia

159.9060, 22.7243, -8.6876



Tritanopia

159.6670, 5.0942, -0.5850

Trichromacy



Original Color

161.8690, 22.2496, 3.6229

Protanomaly

160.3730, 24.4661, -7.3431

Deuteranomaly

160.5260, 22.4187, -3.9693

Tritanomaly

160.2850, 11.1985, 1.5041

Monochromacy



Original Color

161.8690, 22.2496, 3.6229

Achromatopsia

162.0000, 0.0000, 0.0000

Achromatomaly

161.7750, 7.9989, 1.0743

CSS Examples

Text

The CSS property to change the color of the text to YUV 161.8690, 22.2496, 3.6229 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(166, 151, 207)` looks like.

```
.text, #text, p{  
    color:rgb(166, 151, 207)  
}
```

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(166, 151, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 151, 207) }
```

Border

The CSS property to change the border of an element to YUV 161.8690, 22.2496, 3.6229 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(166, 151, 207) }
```


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

```
.border{ border-color:rgb(166, 151, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 151, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 151, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 151, 207);  
box-shadow:4px 4px 4px 4px rgb(166, 151,  
207) }
```

Background

The CSS property to change the background color of an element to YUV 161.8690, 22.2496, 3.6229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 151, 207) }
```

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

```
.background{ background-color: rgb(166,  
151, 207) }
```

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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