

Converting Colors

YUV(166.0570, 30.5379, 5.2120)

Have a look what the booklet for
YUV(166.0570, 30.5379, 5.2120)
contains.

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Color

**YUV(166.0570, 30.5379,
5.2120)**

Conversions

Conversions Part 1

Format	Color
Hex	AC97E4
RGB	172, 151, 228
RGB Percent	67%, 59%, 89%
CMY	0.3255, 0.4078, 0.1059
CMYK	0.25, 0.34, 0.00, 0.11
HSL	256°, 59%, 74%
HSV	256°, 34%, 89%
XYZ	42.0835, 36.5053, 78.2270
YIQ	166.0570, -12.2010, 28.3990

Conversions

Conversions Part 2

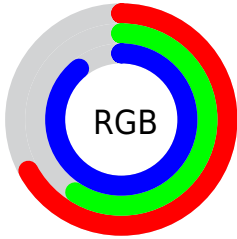
Format	Color
R_{YB}	172, 151, 228
Decimal	11311076
CIE _{Lab}	66.90, 23.74, -36.19
CIE _{LCh}	67, 43.283, 303.270
Yxy	36.5053, 0.2684, 0.2328
Android (android.graphics.Color)	4289501156 (0xFFAC97E4)
YUV	166.0570, 30.5379, 5.2120
Hunter-Lab	60.4196, 18.5944, -34.4707

Details

The YUV color **166.0570, 30.5379, 5.2120** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **212.9430, -30.5379, -5.2120**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.8760, 18.3021, 9.7557**, and **113.5900, 28.7961, 3.8676** is the 20% darker color. If you saturate the color by 10%, you get **147.4730, 39.6998, 6.6012**, and if you desaturate by 10%, it is **184.6410, 21.3760, 3.8228**.

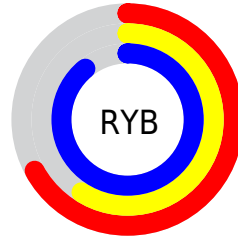
Distribution



Red (67%)

Green (59%)

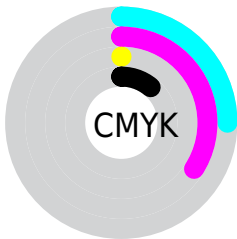
Blue (89%)



Red (67%)

Yellow (59%)

Blue (89%)

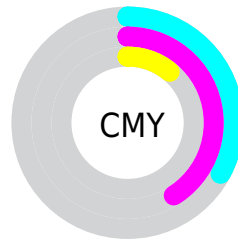


Cyan (25%)

Magenta (34%)

Yellow (0%)

Black (11%)



Cyan (33%)

Magenta (41%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.0570, 30.5379, 5.2120 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 166.0570, 30.5379, 5.2120 by changing the saturation by 10% instead.

■ 166.0570, 30.5379,
5.2120

■ 166.0570, 30.5379,
5.2120

255.0000, 0.0000,
0.0000

■ 139.5300, 29.8117,
4.7972

■ 217.8760, 18.3021,
9.7557

■ 113.5900, 28.7961,
3.8676

■ 242.6730, 6.0772,
10.8108

■ 88.6500, 27.7806,
2.9380

■ 64.7100, 26.7650,
2.0083

■ 41.1720, 26.0442,
-0.1508

■ 18.3240, 25.4763,
-4.6691

■ 5.3580, 20.5295,

-4.6990

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 166.0570, 30.5379,
5.2120

■ 166.0570, 30.5379,
5.2120

■ 147.4730, 39.6998,
6.6012

■ 184.6410, 21.3760,
3.8228

■ 129.1880, 48.7143,
8.6051

■ 202.9260, 12.3615,
1.8189

■ 111.1910, 57.5868,
9.4795

■ 220.9230, 3.4890,
0.9445

■ 92.9060, 66.6013,
11.4834

■ 239.2080, -5.5255,
-1.0594

■ 74.3220, 75.7633,
12.8726

■ 251.9220,
-11.7935, 2.6994

■ 56.0370, 84.7778,
14.8766

■ 44.5300, 90.4507,
15.3212

Harmonies

Analogous

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



156.5070, 41.1620, -42.5406



166.0570, 30.5379, 5.2120



167.3900, 15.5837, 41.7540

Triad

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



166.0570, 30.5379, 5.2120



161.8770, -33.4634, 46.5889



126.3450, 19.5499, -110.8046

Complementary

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



166.0570, 30.5379, 5.2120



212.9430, -30.5379, -5.2120

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.



147.8310, -10.7627, -48.0868



166.0570, 30.5379, 5.2120



159.2730, -37.6026, 20.8086

Square

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



166.0570, 30.5379, 5.2120



163.7060, -20.5611, 61.6478



154.9530, -29.0638, -11.3598



130.0900, 36.4376, -114.0889

Rectangle

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



166.0570, 30.5379, 5.2120



166.2750, 3.3154, 56.7638



154.9530, -29.0638, -11.3598



138.2040, 6.8014, -81.7399

Sweetspot

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



166.0570, 30.5379, 5.2120



234.6440, 10.0355, 1.1892



192.6500, 17.4276, -36.5270



115.0200, 6.3991, 0.8595



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.



166.0570, 30.5379, 5.2120



170.6410, 41.5890, 7.3308



177.4190, 24.9364, 28.5735



105.2650, 4.7994, 0.6446



35.0570, 70.9639, 12.2280



10.0000, 20.2130, 3.5080

Inverse Universe

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



180.4070, 13.1103, 41.7391



190.0590, 17.7189, 56.9533



201.5810, -24.9364, -28.5735



107.6140, 2.1623, 6.4775



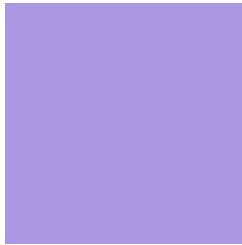
68.3410, 30.3979, 97.0479



19.4670, 8.6438, 27.6544

Previews

White Background



This preview shows how the YUV color 166.0570, 30.5379, 5.2120 looks on a white background.

Color Contrast Check

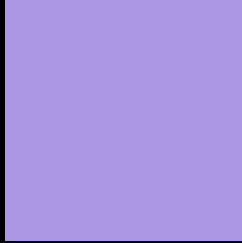
Large Text (above 18pt) WCAG AA × Fail

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 166.0570, 30.5379, 5.2120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

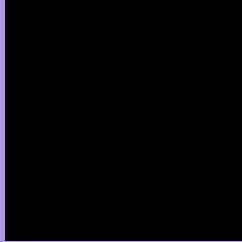
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 166.0570, 30.5379, 5.2120

Background



This preview shows how black text looks on a background with the YUV color 166.0570, 30.5379, 5.2120.



This preview shows how white text looks on a background with the YUV color 166.0570, 30.5379,

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

166.0570, 30.5379, 5.2120

Protanopia

161.9720, 36.0028, -21.0234

Deuteranopia

162.7290, 31.1926, -18.1793



Tritanopia

163.3680, 5.2416, -1.1997

Trichromacy



Original Color

166.0570, 30.5379, 5.2120

Protanomaly

163.4570, 33.7917, -11.8018

Deuteranomaly

163.7840, 31.1655, -9.4576

Tritanomaly

164.4960, 14.5455, 1.3190

Monochromacy



Original Color

166.0570, 30.5379, 5.2120

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

166.2850, 11.1985, 1.5041

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.0570, 30.5379, 5.2120 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(172, 151, 228)` looks like.

```
.text, #text, p{  
    color:rgb(172, 151, 228)  
}
```

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(172, 151, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 151, 228) }
```

Border

The CSS property to change the border of an element to YUV 166.0570, 30.5379, 5.2120 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(172, 151, 228) }
```


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

```
.border{ border-color:rgb(172, 151, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 151, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 151, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 151, 228);  
box-shadow:4px 4px 4px 4px rgb(172, 151,  
228) }
```

Background

The CSS property to change the background color of an element to YUV 166.0570, 30.5379, 5.2120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 151, 228) }
```

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

```
.background{ background-color: rgb(172,  
151, 228) }
```

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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