

Converting Colors

YUV(170.3630, 22.9920,
-1.1954)

Have a look what the booklet for
YUV(170.3630, 22.9920, -1.1954)
contains.

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Color

**YUV(170.3630, 22.9920,
-1.1954)**

Conversions

Conversions Part 1

Format	Color
Hex	A9A2D9
RGB	169, 162, 217
RGB Percent	66%, 64%, 85%
CMY	0.3373, 0.3647, 0.1490
CMYK	0.22, 0.25, 0.00, 0.15
HSL	248°, 42%, 74%
HSV	248°, 25%, 85%
XYZ	41.8069, 39.2854, 71.0250
YIQ	170.3630, -13.4830, 18.5890

Conversions

Conversions Part 2

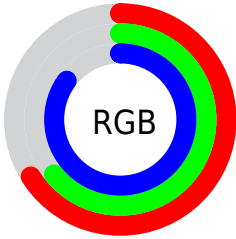
Format	Color
RYB	169, 162, 217
Decimal	11117273
CIELab	68.96, 14.06, -26.97
CIELCh	69, 30.417, 297.526
Yxy	39.2854, 0.2748, 0.2583
Android (android.graphics.Color)	4289307353 (0xFFA9A2D9)
YUV	170.3630, 22.9920, -1.1954
Hunter-Lab	62.6781, 9.3746, -23.3111

Details

The YUV color **170.3630, 22.9920, -1.1954** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **208.6370, -22.9920, 1.1954**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.7240, 15.4191, 1.1191**, and **117.7220, 21.8291, -1.5102** is the 20% darker color. If you saturate the color by 10%, you get **151.7680, 32.1594, -1.5505**, and if you desaturate by 10%, it is **188.9580, 13.8247, -0.8402**.

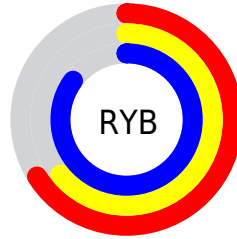
Distribution



Red (66%)

Green (64%)

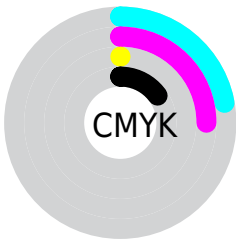
Blue (85%)



Red (66%)

Yellow (64%)

Blue (85%)

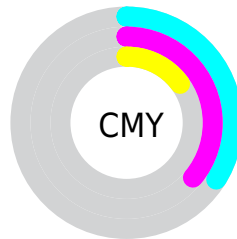


Cyan (22%)

Magenta (25%)

Yellow (0%)

Black (15%)



Cyan (34%)

Magenta (36%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.3630, 22.9920, -1.1954 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 170.3630, 22.9920, -1.1954 by changing the saturation by 10% instead.

■ 170.3630, 22.9920,
-1.1954

■ 170.3630, 22.9920,
-1.1954

255.0000, 0.0000,
0.0000

■ 143.8360, 22.2659,
-1.6102

■ 223.7240, 15.4191,
1.1191

■ 117.7220, 21.8291,
-1.5102

■ 248.8310, 3.0413,
4.5332

■ 93.1950, 21.1029,
-1.9250

■ 69.2550, 20.0873,
-2.8546

■ 46.3150, 19.0717,
-3.7843

■ 24.4780, 18.4983,
-6.5582

■ 4.5600, 17.4719,

-3.9991

■ 2.6390, 7.5730,
-2.3144

■ 0.0000, 0.0000,
0.0000

■ 170.3630, 22.9920,
-1.1954

■ 170.3630, 22.9920,
-1.1954

■ 151.7680, 32.1594,
-1.5505

■ 188.9580, 13.8247,
-0.8402

■ 133.7600, 41.0373,
-2.4205

■ 206.9660, 4.9468,
0.0298

■ 115.1650, 50.2047,
-2.7757

■ 225.5610, -4.2206,
0.3850

■ 96.5700, 59.3720,
-3.1309

■ 244.1560,
-13.3879, 0.7402

■ 77.9750, 68.5393,
-3.4861

■ 250.6680,
-16.5983, 3.7992

■ 59.9670, 77.4173,
-4.3561

■ 41.3720, 86.5846,
-4.7112

■ 33.1100, 90.6578,
-4.4815

Harmonies

Analogous

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



164.9570, 28.6152, -31.5343



170.3630, 22.9920, -1.1954



172.4820, 12.5804, 25.0103

Triad

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



170.3630, 22.9920, -1.1954



168.9820, -22.6691, 37.7268



155.5330, 4.6672, -50.4564

Complementary

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



170.3630, 22.9920, -1.1954



208.6370, -22.9920, 1.1954

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.



159.9630, -10.8278, -27.1546



170.3630, 22.9920, -1.1954



167.1340, -26.6881, 20.0535

Square

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



170.3630, 22.9920, -1.1954



170.5560, -13.0921, 45.9934



163.8430, -22.1076, -2.4933



153.0440, 19.6983, -64.9366

Rectangle

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



170.3630, 22.9920, -1.1954



172.3820, 4.2487, 37.3760



163.8430, -22.1076, -2.4933



157.3830, -1.1748, -43.3089

Sweetspot

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



170.3630, 22.9920, -1.1954



237.8780, 8.4411, -0.7700



197.0330, 9.8437, -30.7239



116.7810, 5.5310, -0.6849



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.



170.3630, 22.9920, -1.1954



190.3550, 31.8700, -2.0653



178.4360, 19.0121, 15.4036



100.5530, 4.6574, -0.4850



26.3000, 72.3231, -3.7711



7.0380, 19.2083, -0.9103

Inverse Universe

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



183.9170, 12.8589, 29.0138



209.2480, 17.6257, 40.1245



200.5640, -19.0121, -15.4036



103.3150, 2.3097, 5.8627



68.9410, 40.4551, 91.2597



18.3140, 10.6912, 24.2806

Previews

White Background



This preview shows how the YUV color 170.3630, 22.9920, -1.1954 looks on a white background.

Color Contrast Check

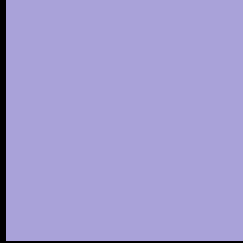
Large Text (above 18pt) WCAG AA × Fail

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 170.3630, 22.9920, -1.1954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

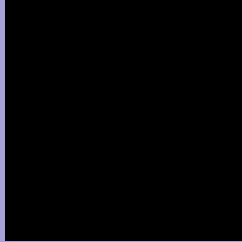
Any Text WCAG AA ✓ Pass

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 170.3630, 22.9920, -1.1954 Background



This preview shows how black text looks on a background with the YUV color 170.3630, 22.9920, -1.1954.



This preview shows how white text looks on a background with the YUV color 170.3630, 22.9920,

-1.1954.

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

170.3630, 22.9920, -1.1954

Protanopia

168.5680, 25.3560, -12.7761

Deuteranopia

169.0200, 23.1611, -8.7875



Tritanopia

168.3890, 6.7102, -5.6032

Trichromacy



Original Color

170.3630, 22.9920, -1.1954

Protanomaly

169.3620, 24.4715, -9.0875

Deuteranomaly

169.6290, 22.8609, -5.8136

Tritanomaly

169.0070, 12.8145, -3.5141

Monochromacy



Original Color

170.3630, 22.9920, -1.1954

Achromatopsia

170.0000, 0.0000, 0.0000

Achromatomaly

170.1770, 8.2937, -0.1552

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.3630, 22.9920, -1.1954 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(169, 162, 217)` looks like.

```
.text, #text, p{  
    color:rgb(169, 162, 217)  
}
```

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(169, 162, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 162, 217) }
```

Border

The CSS property to change the border of an element to YUV 170.3630, 22.9920, -1.1954 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(169, 162, 217) }
```


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

```
.border{ border-color:rgb(169, 162, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 162, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 162, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 162, 217);  
box-shadow:4px 4px 4px 4px rgb(169, 162,  
217) }
```

Background

The CSS property to change the background color of an element to YUV 170.3630, 22.9920, -1.1954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 162, 217) }
```

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

```
.background{ background-color: rgb(169,  
162, 217) }
```

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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