

Converting Colors

YUV(170.3330, 15.1188, 4.0930)

Have a look what the booklet for
YUV(170.3330, 15.1188, 4.0930)
contains.

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Color

**YUV(170.3330, 15.1188,
4.0930)**

Conversions

Conversions Part 1

Format	Color
Hex	AFA2C9
RGB	175, 162, 201
RGB Percent	69%, 64%, 79%
CMY	0.3137, 0.3647, 0.2118
CMYK	0.13, 0.19, 0.00, 0.21
HSL	260°, 27%, 71%
HSV	260°, 19%, 79%
XYZ	41.1421, 39.1717, 60.6508
YIQ	170.3330, -4.7710, 14.8850

Conversions

Conversions Part 2

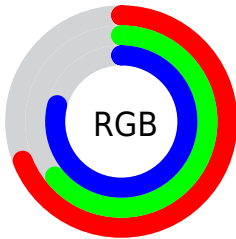
Format	Color
R_{YB}	175, 162, 201
Decimal	11510473
CIE Lab	68.88, 12.38, -18.22
CIE LCh	69, 22.033, 304.202
Yxy	39.1717, 0.2919, 0.2779
Android (android.graphics.Color)	4289700553 (0xFFAFA2C9)
YUV	170.3330, 15.1188, 4.0930
Hunter-Lab	62.5873, 7.8104, -13.6445

Details

The YUV color **170.3330, 15.1188, 4.0930** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **192.6670, -15.1188, -4.0930**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.5180, 14.5346, 4.8077**, and **117.8060, 14.3926, 3.6781** is the 20% darker color. If you saturate the color by 10%, you get **154.7060, 22.8229, 6.3968**, and if you desaturate by 10%, it is **185.9600, 7.4147, 1.7891**.

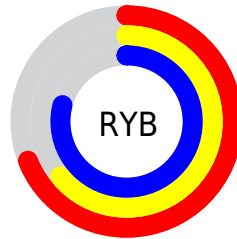
Distribution



Red (69%)

Green (64%)

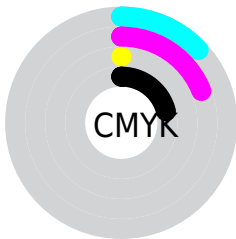
Blue (79%)



Red (69%)

Yellow (64%)

Blue (79%)

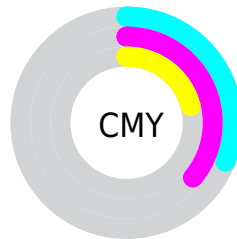


Cyan (13%)

Magenta (19%)

Yellow (0%)

Black (21%)



Cyan (31%)

Magenta (36%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.3330, 15.1188, 4.0930 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 170.3330, 15.1188, 4.0930 by changing the saturation by 10% instead.

■ 170.3330, 15.1188,
4.0930

■ 170.3330, 15.1188,
4.0930

■ 255.0000, 0.0000,
0.0000

■ 143.9200, 14.8294,
3.5782

■ 225.5180, 14.5346,
4.8077

■ 117.8060, 14.3926,
3.6781

■ 249.1300, 2.8939,
5.1480

■ 93.2790, 13.6665,
3.2633

■ 69.7520, 12.9403,
2.8485

■ 47.2250, 12.2141,
2.4337

■ 25.8120, 11.9247,
1.9189

■ 3.6050, 12.5197,

-2.2846

■ 0.0000, 0.0000,
0.0000

■ 170.3330, 15.1188,
4.0930

■ 170.3330, 15.1188,
4.0930

■ 154.7060, 22.8229,
6.3968

■ 185.9600, 7.4147,
1.7891

■ 138.7800, 30.6745,
8.0859

■ 201.8860, -0.4368,
0.1000

■ 123.1530, 38.3786,
10.3898

■ 217.5130, -8.1409,
-2.2039

■ 107.2270, 46.2301,
12.0789

■ 233.4390,
-15.9924, -3.8930

■ 91.6000, 53.9342,
14.3828

■ 244.9570,
-21.6708, -2.5933

■ 75.3860, 61.9277,
17.2015

■ 248.8440,
-23.5871, 5.3988

■ 59.4600, 69.7792,
18.8906

■ 43.8330, 77.4833,
21.1945

■ 42.9470, 77.9201,
21.0945

Harmonies

Analogous

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



167.0530, 19.6939, -16.7095



170.3330, 15.1188, 4.0930



171.3800, 7.2077, 21.5917

Triad

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



170.3330, 15.1188, 4.0930



168.8710, -17.6844, 25.5461



159.7350, 5.0606, -36.6016

Complementary

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



170.3330, 15.1188, 4.0930



192.6670, -15.1188, -4.0930

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.



162.2500, -6.0392, -23.0212



170.3330, 15.1188, 4.0930



167.0280, -19.2408, 11.3764

Square

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



170.3330, 15.1188, 4.0930



170.5220, -11.5963, 32.8682



164.7700, -14.6766, -5.9373



159.6340, 14.9704, -41.7750

Rectangle

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



170.3330, 15.1188, 4.0930



171.4150, 0.7814, 29.4540



164.7700, -14.6766, -5.9373



160.4320, 1.2660, -32.8279

Sweetspot

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



170.3330, 15.1188, 4.0930



243.2050, 5.8149, 1.5742



181.7080, 9.5110, -17.2839



120.9230, 3.4890, 0.9445



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.



170.3330, 15.1188, 4.0930



208.7060, 22.8229, 6.3968



176.3130, 12.1707, 16.3885



91.9230, 3.4890, 0.9445



34.7280, 63.2381, 16.9015



7.6920, 13.9558, 3.7781

Inverse Universe

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



176.6250, 5.6079, 21.3769



218.0870, 8.3381, 32.3727



186.9860, -12.3181, -15.7737



93.3750, 1.2941, 4.9331



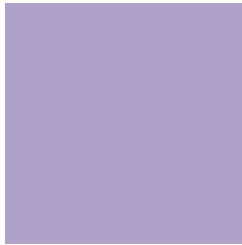
61.1630, 23.5836, 89.3110



13.5000, 5.1765, 19.7325

Previews

White Background



This preview shows how the YUV color 170.3330, 15.1188, 4.0930 looks on a white background.

Color Contrast Check

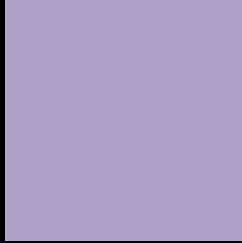
Large Text (above 18pt) WCAG AA × Fail

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 170.3330, 15.1188, 4.0930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

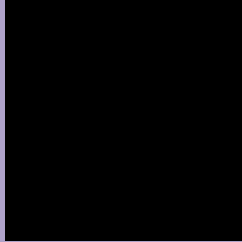
Any Text WCAG AA ✓ Pass

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 170.3330, 15.1188, 4.0930 Background



This preview shows how black text looks on a background with the YUV color 170.3330, 15.1188, 4.0930.



This preview shows how white text looks on a background with the YUV color 170.3330, 15.1188,

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

170.3330, 15.1188, 4.0930

Protanopia

169.1250, 17.1934, -8.0026

Deuteranopia

169.4140, 15.5719, -1.2401



Tritanopia

168.9770, 4.9413, 1.7742

Trichromacy



Original Color

170.3330, 15.1188, 4.0930

Protanomaly

169.3320, 16.5983, -3.7992

Deuteranomaly

169.7240, 15.4191, 1.1191

Tritanomaly

169.6010, 8.5777, 2.1039

Monochromacy



Original Color

170.3330, 15.1188, 4.0930

Achromatopsia

170.0000, 0.0000, 0.0000

Achromatomaly

170.0910, 5.3781, 1.6742

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.3330, 15.1188, 4.0930 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, 162, 201)` looks like.

```
.text, #text, p{  
    color:rgb(175, 162, 201)  
}
```

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, 162, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 162, 201) }
```

Border

The CSS property to change the border of an element to YUV 170.3330, 15.1188, 4.0930 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, 162, 201) }
```


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

```
.border{ border-color:rgb(175, 162, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 162, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 162, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 162, 201);  
box-shadow:4px 4px 4px 4px rgb(175, 162,  
201) }
```

Background

The CSS property to change the background color of an element to YUV 170.3330, 15.1188, 4.0930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 162, 201) }
```

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

```
.background{ background-color: rgb(175,  
162, 201) }
```

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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