

Converting Colors

YUV(147.1670, 30.4837,
22.6555)

Have a look what the booklet for
YUV(147.1670, 30.4837, 22.6555)
contains.

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Color

**YUV(147.1670, 30.4837,
22.6555)**

Conversions

Conversions Part 1

Format	Color
Hex	AD7AD1
RGB	173, 122, 209
RGB Percent	68%, 48%, 82%
CMY	0.3216, 0.5216, 0.1804
CMYK	0.17, 0.42, 0.00, 0.18
HSL	275°, 49%, 65%
HSV	275°, 42%, 82%
XYZ	35.7017, 27.4068, 63.7299
YIQ	147.1670, 2.4690, 37.8690

Conversions

Conversions Part 2

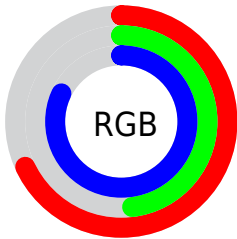
Format	Color
R _Y B	173, 122, 209
Decimal	11369169
CIE _{Lab}	59.35, 35.98, -37.39
CIE _{LCh}	59, 51.888, 313.903
Y _{xy}	27.4068, 0.2815, 0.2161
Android (android.graphics.Color)	4289559249 (0xFFAD7AD1)
Y _{UV}	147.1670, 30.4837, 22.6555
Hunter-Lab	52.3515, 30.1153, -35.5305

Details

The YUV color **147.1670, 30.4837, 22.6555** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **183.8330, -30.4837, -22.6555**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.5650, 26.8365, 25.8145**, and **95.4010, 28.8893, 20.6963** is the 20% darker color. If you saturate the color by 10%, you get **132.1490, 37.8875, 27.9333**, and if you desaturate by 10%, it is **162.1850, 23.0798, 17.3778**.

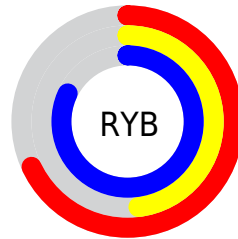
Distribution



Red (68%)

Green (48%)

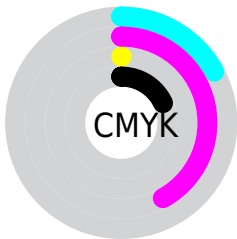
Blue (82%)



Red (68%)

Yellow (48%)

Blue (82%)

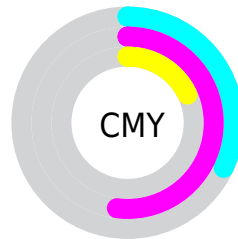


Cyan (17%)

Magenta (42%)

Yellow (0%)

Black (18%)



Cyan (32%)


Magenta (52%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the YUV color 147.1670, 30.4837, 22.6555 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 147.1670, 30.4837, 22.6555 by changing the saturation by 10% instead.


 147.1670, 30.4837,
22.6555


 147.1670, 30.4837,
22.6555


255.0000, 0.0000,
0.0000


 121.2270, 29.4681,
21.7259


 200.5650, 26.8365,
25.8145


 95.4010, 28.8893,
20.6963


 224.4760, 15.0483,
26.7695

 70.5750, 28.3105,
19.6667

 240.9120, 6.9454,
12.3552

 45.7490, 27.7317,
18.6371

 21.4500, 27.8791,
18.0223

 13.1470, 20.6335,
8.6411

 4.8220, 13.3988,

-4.2289

■ 0.4560, 1.7472,
-0.3999

■ 0.0000, 0.0000,
0.0000

■ 147.1670, 30.4837,
22.6555

■ 147.1670, 30.4837,
22.6555

■ 132.1490, 37.8875,
27.9333

■ 162.1850, 23.0798,
17.3778

■ 117.4300, 45.1440,
33.8259

■ 176.9040, 15.8233,
11.4852

■ 102.4120, 52.5479,
39.1037

■ 191.9220, 8.4195,
6.2074

■ 87.3940, 59.9518,
44.3815

■ 206.9400, 1.0156,
0.9296

73.2620, 66.9188,
49.7592

221.6590, -6.2409,
-4.9629

60.6030, 73.1597,
54.7222

236.0900,
-13.3554, -9.7259

243.4770,
-16.9972, -8.3113

245.8690,
-18.1764, -3.3931

248.5600,
-19.5031, 2.1399

Harmonies

Analogous

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



139.1150, 45.7923, -34.3039



147.1670, 30.4837, 22.6555



145.4740, 11.5983, 60.0973

Triad

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



147.1670, 30.4837, 22.6555



139.6240, -43.1986, 42.4258



115.4370, 23.4486, -101.2382

Complementary

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



147.1670, 30.4837, 22.6555



183.8330, -30.4837, -22.6555

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.



109.4920, 3.2084, -96.0245



147.1670, 30.4837, 22.6555



136.0130, -43.3904, 10.5126

Square

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



147.1670, 30.4837, 22.6555



141.1490, -29.1605, 66.5213



130.1850, -27.6992, -29.1032



119.0510, 42.3729, -104.4077

Rectangle

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



147.1670, 30.4837, 22.6555



143.2940, -2.1169, 72.5332



130.1850, -27.6992, -29.1032



113.7270, 16.8966, -99.7386

Sweetspot

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



147.1670, 30.4837, 22.6555



232.9160, 10.8874, 7.9667



153.0500, 27.5834, -27.2308



115.0420, 6.3883, 4.3482



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.



147.1670, 30.4837, 22.6555



164.6040, 44.5652, 32.7963



157.1330, 22.1194, 45.4874



97.0480, 3.9203, 2.5889



48.7530, 58.7888, 44.0666



11.8500, 14.3709, 10.6555

Inverse Universe

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



152.1170, 2.9003, 49.8864



171.9010, 3.9928, 72.8778



173.8670, -22.1194, -45.4874



97.7450, 0.1257, 6.3626



58.2120, 5.8115, 96.2841



14.1970, 1.3819, 23.5062

Previews

White Background



This preview shows how the YUV color 147.1670, 30.4837, 22.6555 looks on a white background.

Color Contrast Check

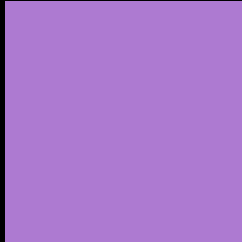
Large Text (above 18pt) WCAG AA ✓ Pass

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 147.1670, 30.4837, 22.6555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

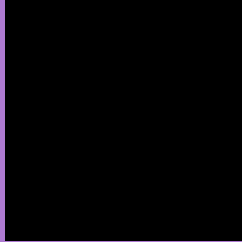
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 147.1670, 30.4837, 22.6555

Background



This preview shows how black text looks on a background with the YUV color 147.1670, 30.4837, 22.6555.



This preview shows how white text looks on a background with the YUV color 147.1670, 30.4837, 22.6555.

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

147.1670, 30.4837, 22.6555

Protanopia

141.3180, 41.2552, -25.7119

Deuteranopia

142.3050, 30.9086, -20.4385



Tritanopia

145.2130, 0.3880, 15.5992

Trichromacy



Original Color

147.1670, 30.4837, 22.6555

Protanomaly

143.1030, 37.4172, -7.9833

Deuteranomaly

144.2900, 30.4230, -4.6393

Tritanomaly

146.0960, 11.2917, 18.3328

Monochromacy



Original Color

147.1670, 30.4837, 22.6555

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

147.0300, 11.3242, 7.8667

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.1670, 30.4837, 22.6555 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(173, 122, 209)` looks like.

```
.text, #text, p{  
    color:rgb(173, 122, 209)  
}
```

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(173, 122, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 122, 209) }
```

Border

The CSS property to change the border of an element to YUV 147.1670, 30.4837, 22.6555 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(173, 122, 209) }
```


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

```
.border{ border-color:rgb(173, 122, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 122, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 122, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 122, 209);  
box-shadow:4px 4px 4px 4px rgb(173, 122,  
209) }
```

Background

The CSS property to change the background color of an element to YUV 147.1670, 30.4837, 22.6555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 122, 209) }
```

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

```
.background{ background-color: rgb(173,  
122, 209) }
```

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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