

Converting Colors

YUV(147.1010, 13.7542,
21.8364)

Have a look what the booklet for
YUV(147.1010, 13.7542, 21.8364)
contains.

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Color

**YUV(147.1010, 13.7542,
21.8364)**

Conversions

Conversions Part 1

Format	Color
Hex	AC81AF
RGB	172, 129, 175
RGB Percent	67%, 51%, 69%
CMY	0.3255, 0.4941, 0.3137
CMYK	0.02, 0.26, 0.00, 0.31
HSL	296°, 22%, 60%
HSV	296°, 26%, 69%
XYZ	32.6014, 27.5663, 44.1600
YIQ	147.1010, 10.8620, 23.4220

Conversions

Conversions Part 2

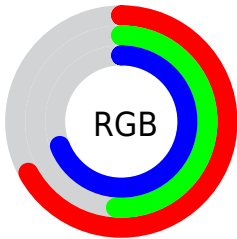
Format	Color
R_{YB}	172, 129, 175
Decimal	11305391
CIE _{Lab}	59.49, 24.59, -17.88
CIE _{LCh}	59, 30.404, 323.982
Yxy	27.5663, 0.3125, 0.2642
Android (android.graphics.Color)	4289495471 (0xFFAC81AF)
YUV	147.1010, 13.7542, 21.8364
Hunter-Lab	52.5036, 18.9557, -13.1154

Details

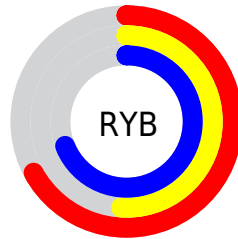
The YUV color **147.1010, 13.7542, 21.8364** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **156.8990, -13.7542, -21.8364**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.3400, 14.6224, 23.3808**, and **95.8620, 12.8860, 20.2920** is the 20% darker color. If you saturate the color by 10%, you get **136.2360, 19.1107, 30.4880**, and if you desaturate by 10%, it is **157.9660, 8.3978, 13.1848**.

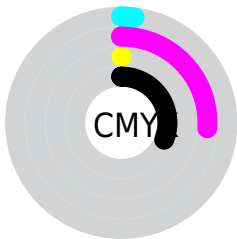
Distribution



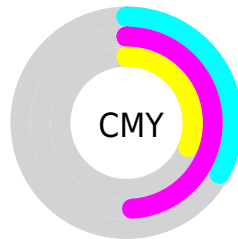
- Red (67%)
- Green (51%)
- Blue (69%)



- Red (67%)
- Yellow (51%)
- Blue (69%)



- Cyan (2%)
- Magenta (26%)
- Yellow (0%)
- Black (31%)





- Cyan (33%)
- Magenta (49%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YUV color 147.1010, 13.7542, 21.8364 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 147.1010, 13.7542, 21.8364 by changing the saturation by 10% instead.


 147.1010, 13.7542,
21.8364


 147.1010, 13.7542,
21.8364


255.0000, 0.0000,
0.0000


 121.2750, 13.1754,
20.8068


 201.3400, 14.6224,
23.3808


 95.8620, 12.8860,
20.2920


 228.5850, 13.0226,
23.1660

 72.0360, 12.3073,
19.2624

 245.0210, 4.9196,
8.7516

 48.7370, 12.4547,
18.6477

 26.0250, 12.3127,
17.5181

 11.7920, 8.9765,
14.2144

 0.0000, 0.0000,

0.0000

■ 147.1010, 13.7542,
21.8364

■ 147.1010, 13.7542,
21.8364

■ 136.2360, 19.1107,
30.4880

■ 157.9660, 8.3978,
13.1848

■ 125.9580, 24.1777,
38.6248

■ 168.2440, 3.3307,
5.0480

■ 115.0930, 29.5342,
47.2764

■ 179.1090, -2.0257,
-3.6036

■ 104.5160, 34.7486,
54.7985

■ 189.6860, -7.2402,
-11.1256

■ 93.6510, 40.1051,
63.4501

■ 200.5510,
-12.5966, -19.7772

■ 83.3730, 45.1721,
71.5869

■ 210.8290,
-17.6637, -27.9140

72.5080, 50.5286,
80.2385

221.1070,
-22.7308, -36.0508

68.9860, 52.2649,
83.3273

223.7540,
-24.0357, -37.4953

224.0530,
-24.1831, -36.8805

Harmonies

Analogous

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



144.4550, 23.4397, -4.7840



147.1010, 13.7542, 21.8364



146.4100, 1.7699, 39.1054

Triad

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



147.1010, 13.7542, 21.8364



142.0740, -25.6725, 20.9831



125.2070, 19.1249, -67.7105

Complementary

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



147.1010, 13.7542, 21.8364



156.8990, -13.7542, -21.8364

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.



130.2020, 3.3514, -48.4122



147.1010, 13.7542, 21.8364



139.1530, -22.2604, -0.1342

Square

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



147.1010, 13.7542, 21.8364



144.0250, -21.2113, 36.8121



135.3440, -12.0016, -23.9807



128.6450, 28.2760, -62.8327

Rectangle

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



147.1010, 13.7542, 21.8364



145.8530, -6.8295, 43.9789



135.3440, -12.0016, -23.9807



126.8610, 13.8725, -63.0221

Sweetspot

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



147.1010, 13.7542, 21.8364



216.1350, 5.3564, 8.6516



136.0050, 19.2245, -6.1434



107.6570, 3.6201, 5.5628



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



147.1010, 13.7542, 21.8364



182.6540, 21.8626, 34.5064



145.7180, 4.5760, 25.6803



81.4180, 2.7519, 4.0184



59.2590, 44.7353, 71.6869



8.9010, 6.9508, 10.6108

Inverse Universe

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



143.0960, -5.4703, 27.9798



176.3970, -8.5767, 44.3788



158.2820, -4.5760, -25.6803



80.8050, -0.8899, 5.4330



45.9900, -17.7431, 91.2168



6.9910, -2.9536, 14.0399

Previews

White Background



This preview shows how the YUV color 147.1010, 13.7542, 21.8364 looks on a white background.

Color Contrast Check

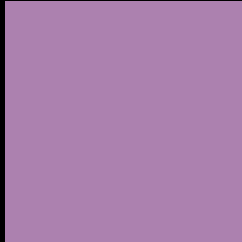
Large Text (above 18pt) WCAG AA ✓ Pass

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 147.1010, 13.7542, 21.8364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

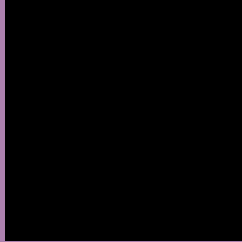
Any Text WCAG AA ✓ Pass

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 147.1010, 13.7542, 21.8364 Background



This preview shows how black text looks on a background with the YUV color 147.1010, 13.7542, 21.8364.



This preview shows how white text looks on a background with the YUV color 147.1010, 13.7542,

21.8364.

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

147.1010, 13.7542, 21.8364

Protanopia

144.0970, 19.6722, -9.7321

Deuteranopia

144.6590, 13.9721, -1.4549



Tritanopia

146.0070, -0.4965, 19.2879

Trichromacy



Original Color

147.1010, 13.7542, 21.8364

Protanomaly

145.0060, 17.7450, 1.7487

Deuteranomaly

145.7140, 13.9450, 7.2668

Tritanomaly

146.3860, 4.7397, 19.8325

Monochromacy



Original Color

147.1010, 13.7542, 21.8364

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

146.7220, 5.0671, 8.1368

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.1010, 13.7542, 21.8364 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, 129, 175)` looks like.

```
.text, #text, p{  
    color:rgb(172, 129, 175)  
}
```

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, 129, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 129, 175) }
```

Border

The CSS property to change the border of an element to YUV 147.1010, 13.7542, 21.8364 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, 129, 175) }
```


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

```
.border{ border-color:rgb(172, 129, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 129, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 129, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 129, 175);  
box-shadow:4px 4px 4px 4px rgb(172, 129,  
175) }
```

Background

The CSS property to change the background color of an element to YUV 147.1010, 13.7542, 21.8364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 129, 175) }
```

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

```
.background{ background-color: rgb(172,  
129, 175) }
```

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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