

Converting Colors

YUV(147.1530, 21.6166,
20.0368)

Have a look what the booklet for
YUV(147.1530, 21.6166, 20.0368)
contains.

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Color

**YUV(147.1530, 21.6166,
20.0368)**

Conversions

Conversions Part 1

Format	Color
Hex	AA7FBF
RGB	170, 127, 191
RGB Percent	67%, 50%, 75%
CMY	0.3333, 0.5020, 0.2510
CMYK	0.11, 0.34, 0.00, 0.25
HSL	280°, 33%, 62%
HSV	280°, 34%, 75%
XYZ	33.5709, 27.4864, 52.8262
YIQ	147.1530, 5.0840, 29.0200

Conversions

Conversions Part 2

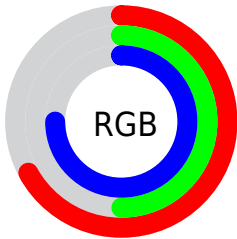
Format	Color
RYB	170, 127, 191
Decimal	11173823
CIELab	59.42, 28.34, -27.12
CIELCh	59, 39.225, 316.266
Yxy	27.4864, 0.2948, 0.2414
Android (android.graphics.Color)	4289363903 (0xFFAA7FBF)
YUV	147.1530, 21.6166, 20.0368
Hunter-Lab	52.4275, 22.5510, -23.0418

Details

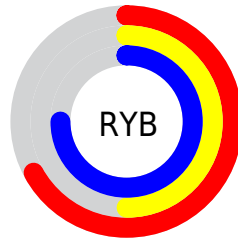
The YUV color **147.1530, 21.6166, 20.0368** is a light color, and the websafe version is hex **996699**. A complement of this color would be **170.8470, -21.6166, -20.0368**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.5060, 22.9215, 21.4812**, and **95.8000, 20.3116, 18.5924** is the 20% darker color. If you saturate the color by 10%, you get **134.2060, 27.9994, 26.1293**, and if you desaturate by 10%, it is **160.1000, 15.2337, 13.9443**.

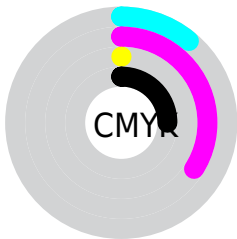
Distribution



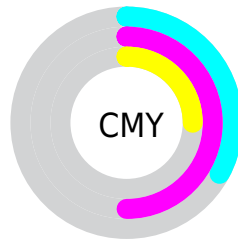
- Red (67%)
- Green (50%)
- Blue (75%)



- Red (67%)
- Yellow (50%)
- Blue (75%)



- Cyan (11%)
- Magenta (34%)
- Yellow (0%)
- Black (25%)



- Cyan (33%)
- Magenta (50%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.1530, 21.6166, 20.0368 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 147.1530, 21.6166, 20.0368 by changing the saturation by 10% instead.

■ 147.1530, 21.6166,
20.0368

■ 147.1530, 21.6166,
20.0368

■ 255.0000, 0.0000,
0.0000

■ 121.3270, 21.0378,
19.0072

■ 201.5060, 22.9215,
21.4812

■ 95.8000, 20.3116,
18.5924

■ 227.4110, 13.6014,
24.1956

■ 71.6750, 19.8802,
16.9480

■ 243.8470, 5.4984,
9.7812

■ 48.1480, 19.1540,
16.5332

■ 24.7350, 18.8646,
16.0184

■ 12.1490, 14.2235,
11.2703

■ 2.7530, 8.0098,

-2.4144

0.0000, 0.0000,
0.0000

147.1530, 21.6166,
20.0368

147.1530, 21.6166,
20.0368

134.2060, 27.9994,
26.1293

160.1000, 15.2337,
13.9443

120.9600, 34.5297,
31.6071

173.3460, 8.7034,
8.4666

108.0130, 40.9126,
37.6996

186.2930, 2.3206,
2.3740

95.0660, 47.2955,
43.7921

199.2400, -4.0623,
-3.7185

82.1190, 53.6783,
49.8846

212.7740,
-10.7346, -10.3258

68.2860, 60.4980,
55.8772

226.0200,
-17.2649, -15.8035

60.0460, 64.5603,
59.5957

235.4450,
-21.9114, -18.8073

237.2390,
-22.7958, -15.1186

239.0330,
-23.6803, -11.4299

Harmonies

Analogous

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



142.1850, 32.9398, -18.5792



147.1530, 21.6166, 20.0368



146.7190, 6.5475, 46.7274

Triad

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



147.1530, 21.6166, 20.0368



141.7180, -32.3990, 31.8193



112.8610, 23.7325, -98.9791

Complementary

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



147.1530, 21.6166, 20.0368



170.8470, -21.6166, -20.0368

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.



125.3270, 0.3318, -59.9228



147.1530, 21.6166, 20.0368



138.4930, -31.3020, 6.5836

Square

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



147.1530, 21.6166, 20.0368



143.1300, -23.7281, 50.7520



133.6940, -19.5691, -23.4106



114.6340, 38.1414, -100.5340

Rectangle

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



147.1530, 21.6166, 20.0368



145.3150, -4.0993, 54.9747



133.6940, -19.5691, -23.4106



111.4930, 18.4910, -97.7794

Sweetspot

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



147.1530, 21.6166, 20.0368



230.5200, 8.1246, 7.4370



146.6230, 21.8779, -17.2094



114.7000, 5.0779, 4.6481



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



147.1530, 21.6166, 20.0368



179.3190, 33.3667, 31.2922



152.1780, 13.7162, 34.0469



87.8200, 3.0467, 2.7889



49.7060, 53.3889, 49.3698



9.8130, 10.4452, 9.8110

Inverse Universe

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



148.5300, -0.2613, 37.2462



181.3630, -0.1790, 57.5636



165.8220, -13.7162, -34.0469



88.0330, -0.0163, 5.2331



53.1700, -0.5768, 91.9359



10.4090, -0.2016, 18.0583

Previews

White Background



This preview shows how the YUV color 147.1530, 21.6166, 20.0368 looks on a white background.

Color Contrast Check

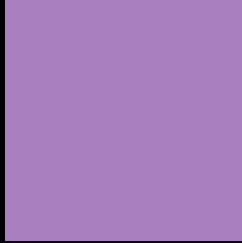
Large Text (above 18pt) WCAG AA ✓ Pass

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 147.1530, 21.6166, 20.0368 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 147.1530, 21.6166, 20.0368

Background



This preview shows how black text looks on a background with the YUV color 147.1530, 21.6166, 20.0368.



This preview shows how white text looks on a background with the YUV color 147.1530, 21.6166,

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

147.1530, 21.6166, 20.0368

Protanopia

143.1700, 29.0032, -15.9351

Deuteranopia

143.9660, 21.7088, -9.6172



Tritanopia

145.2130, 0.3880, 15.5992

Trichromacy



Original Color

147.1530, 21.6166, 20.0368

Protanomaly

144.5630, 26.3444, -3.1248

Deuteranomaly

145.0320, 21.6762, 0.8489

Tritanomaly

146.1730, 7.8027, 17.3883

Monochromacy



Original Color

147.1530, 21.6166, 20.0368

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

147.1070, 7.8352, 6.9222

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.1530, 21.6166, 20.0368 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(170, 127, 191)` looks like.

```
.text, #text, p{  
    color:rgb(170, 127, 191)  
}
```

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(170, 127, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 127, 191) }
```

Border

The CSS property to change the border of an element to YUV 147.1530, 21.6166, 20.0368 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(170, 127, 191) }
```


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

```
.border{ border-color:rgb(170, 127, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 127, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 127, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 127, 191);  
box-shadow:4px 4px 4px 4px rgb(170, 127,  
191) }
```

Background

The CSS property to change the background color of an element to YUV 147.1530, 21.6166, 20.0368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 127, 191) }
```

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

```
.background{ background-color: rgb(170,  
127, 191) }
```

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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