

Converting Colors

YUV(167.9490, 21.2241,
52.6647)

Have a look what the booklet for
YUV(167.9490, 21.2241, 52.6647)
contains.

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Color

**YUV(167.9490, 21.2241,
52.6647)**

Conversions

Conversions Part 1

Format	Color
Hex	E481D3
RGB	228, 129, 211
RGB Percent	89%, 51%, 83%
CMY	0.1059, 0.4941, 0.1725
CMYK	0.00, 0.43, 0.07, 0.11
HSL	310°, 65%, 70%
HSV	310°, 43%, 89%
XYZ	51.6030, 36.8976, 66.0302
YIQ	167.9490, 32.6820, 46.4900

Conversions

Conversions Part 2

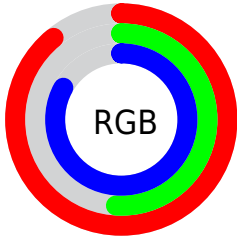
Format	Color
R_{YB}	228, 129, 211
Decimal	14975443
CIE _{Lab}	67.20, 49.27, -25.84
CIE _{LCh}	67, 55.638, 332.328
Yxy	36.8976, 0.3339, 0.2388
Android (android.graphics.Color)	4293165523 (0xFFE481D3)
YUV	167.9490, 21.2241, 52.6647
Hunter-Lab	60.7434, 45.3391, -21.9299

Details

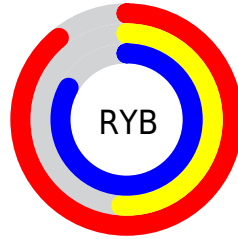
The YUV color **167.9490, 21.2241, 52.6647** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **189.0510, -21.2241, -52.6647**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.3230, 20.5468, 36.5507**, and **113.5250, 20.9402, 50.4056** is the 20% darker color. If you saturate the color by 10%, you get **153.9920, 26.1329, 64.9050**, and if you desaturate by 10%, it is **181.9060, 16.3153, 40.4244**.

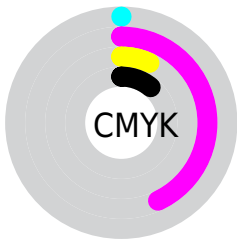
Distribution



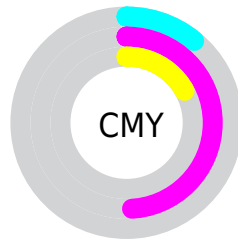
- Red (89%)
- Green (51%)
- Blue (83%)



- Red (89%)
- Yellow (51%)
- Blue (83%)



- Cyan (0%)
- Magenta (43%)
- Yellow (7%)
- Black (11%)



- Cyan (11%)
- Magenta (49%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 167.9490, 21.2241, 52.6647 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 167.9490, 21.2241, 52.6647 by changing the saturation by 10% instead.

167.9490, 21.2241,
52.6647

167.9490, 21.2241,
52.6647

255.0000, 0.0000,
0.0000

140.2370, 21.0822,
51.5352

213.3230, 20.5468,
36.5507

113.5250, 20.9402,
50.4056

230.3460, 12.1544,
21.6216

86.3400, 21.5244,
49.6908

247.3690, 3.7621,
6.6924

57.8070, 23.2661,
51.0353

35.7310, 21.8246,
46.7169

25.3350, 15.6108,
33.0322

16.2490, 9.2442,

21.7066

■ 1.0260, 3.9312,
-0.8998

■ 0.0000, 0.0000,
0.0000

■ 167.9490, 21.2241,
52.6647

■ 167.9490, 21.2241,
52.6647

■ 153.9920, 26.1329,
64.9050

■ 181.9060, 16.3153,
40.4244

■ 140.0350, 31.0417,
77.1453

■ 195.8630, 11.4065,
28.1841

■ 126.6650, 35.6612,
88.8708

■ 209.2330, 6.7871,
16.4587

■ 112.7080, 40.5700,
101.1111

■ 223.1900, 1.8783,
4.2184

■ 98.7510, 45.4788,
113.3514

■ 237.1470, -3.0305,
-8.0219

■ 89.7180, 48.9460,
121.2733

■ 244.5330, -5.1928,
-14.4994

■ 244.9890, -3.4456,
-14.8994

■ 245.4450, -1.6984,
-15.2993

■ 245.9010, 0.0488,
-15.6992

Harmonies

Analogous

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



166.9780, 40.4368, 3.5273



167.9490, 21.2241, 52.6647



164.2670, -1.1176, 78.6958

Triad

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



167.9490, 21.2241, 52.6647



157.8040, -49.6964, 26.4819



134.3930, 40.2323, -117.8627

Complementary

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



167.9490, 21.2241, 52.6647



189.0510, -21.2241, -52.6647

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.



129.2800, 18.1030, -113.3786



167.9490, 21.2241, 52.6647



152.7110, -38.8045, -13.7785

Square

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



167.9490, 21.2241, 52.6647



161.1360, -42.9580, 58.6397



140.8410, -12.7396, -67.3896



134.9750, 57.6933, -118.3731

Rectangle

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



167.9490, 21.2241, 52.6647



162.4510, -16.9843, 81.1655



140.8410, -12.7396, -67.3896



133.1560, 32.9541, -116.7778

Sweetspot

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



167.9490, 21.2241, 52.6647



234.9450, 6.9291, 17.5882



145.0700, 40.8845, -0.0614



115.2170, 4.3300, 11.2107



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.



167.9490, 21.2241, 52.6647



174.3070, 28.4426, 70.7678



162.3630, -0.1790, 57.5636



107.7280, 2.5991, 6.3775



70.3930, 38.2603, 95.2483



20.0370, 10.8278, 27.1546

Inverse Universe

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



167.9490, 21.2241, 52.6647



174.3070, 28.4426, 70.7678



194.6370, 0.1790, -57.5636



107.7280, 2.5991, 6.3775



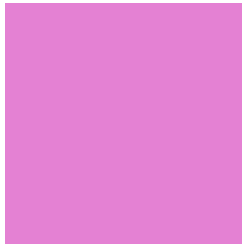
70.3930, 38.2603, 95.2483



20.0370, 10.8278, 27.1546

Previews

White Background



This preview shows how the YUV color 167.9490, 21.2241, 52.6647 looks on a white background.

Color Contrast Check

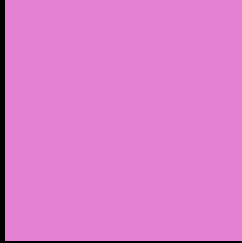
Large Text (above 18pt) WCAG AA × Fail

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 167.9490, 21.2241, 52.6647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

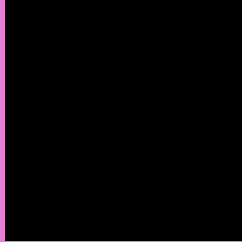
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 167.9490, 21.2241, 52.6647

Background



This preview shows how black text looks on a background with the YUV color 167.9490, 21.2241, 52.6647.



This preview shows how white text looks on a background with the YUV color 167.9490, 21.2241, 52.6647.

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

167.9490, 21.2241, 52.6647

Protanopia

163.8580, 35.5660, -20.9235

Deuteranopia

165.4180, 19.5139, -5.6286



Tritanopia

166.1740, -6.9878, 48.0824

Trichromacy



Original Color

167.9490, 21.2241, 52.6647



Protanomaly

165.3560, 30.3905, 5.8268



Deuteranomaly

166.0770, 20.1750, 15.7185



Tritanomaly

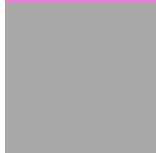
167.1170, 2.9003, 49.8864

Monochromacy



Original Color

167.9490, 21.2241, 52.6647



Achromatopsia

168.0000, 0.0000, 0.0000



Achromatomaly

168.1840, 7.7973, 19.1326

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.9490, 21.2241, 52.6647 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(228, 129, 211)` looks like.

```
.text, #text, p{  
    color:rgb(228, 129, 211)  
}
```

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(228, 129, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 129, 211) }
```

Border

The CSS property to change the border of an element to YUV 167.9490, 21.2241, 52.6647 is called "border". The border property can be set on classes, ids or directly on the HTML element.

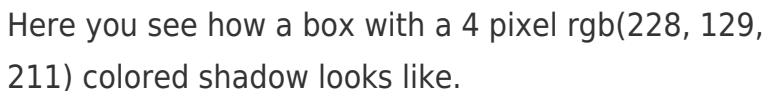
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(228, 129, 211) }
```


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

```
.border{ border-color:rgb(228, 129, 211) }
```

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



Here you see how a box with a 4 pixel `rgb(228, 129, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 129, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 129, 211);  
box-shadow:4px 4px 4px 4px rgb(228, 129,  
211) }
```

Background

The CSS property to change the background color of an element to YUV 167.9490, 21.2241, 52.6647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 129, 211) }
```

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

```
.background{ background-color: rgb(228,  
129, 211) }
```

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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