

Converting Colors

YUV(167.7730, 7.9999, 47.5571)

Have a look what the booklet for
YUV(167.7730, 7.9999, 47.5571)
contains.

YUV(167.7730, 7.9999, 47.5571)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(167.7730, 7.9999,
47.5571)**

Conversions

Conversions Part 1

Format	Color
Hex	DE89B8
RGB	222, 137, 184
RGB Percent	87%, 54%, 72%
CMY	0.1294, 0.4627, 0.2784
CMYK	0.00, 0.38, 0.17, 0.13
HSL	327°, 56%, 70%
HSV	327°, 38%, 87%
XYZ	47.7216, 36.8816, 49.9511
YIQ	167.7730, 35.5730, 32.6370

Conversions

Conversions Part 2

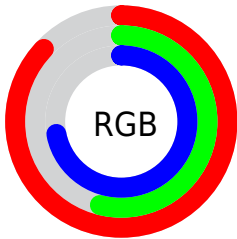
Format	Color
R _Y B	222, 137, 184
Decimal	14584248
CIE Lab	67.19, 38.83, -10.82
CIE LCh	67, 40.311, 344.427
Yxy	36.8816, 0.3547, 0.2741
Android (android.graphics.Color)	4292774328 (0xFFDE89B8)
YUV	167.7730, 7.9999, 47.5571
Hunter-Lab	60.7302, 33.9867, -6.2553

Details

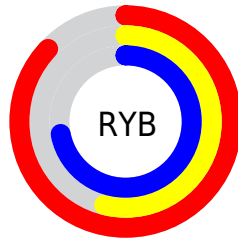
The YUV color **167.7730, 7.9999, 47.5571** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **191.2270, -7.9999, -47.5571**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.3090, 11.6797, 33.9320**, and **114.1640, 8.3001, 44.5832** is the 20% darker color. If you saturate the color by 10%, you get **153.7190, 9.9985, 59.8824**, and if you desaturate by 10%, it is **181.8270, 6.0013, 35.2317**.

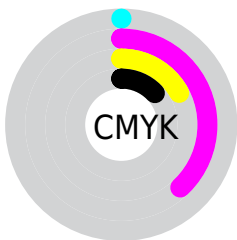
Distribution



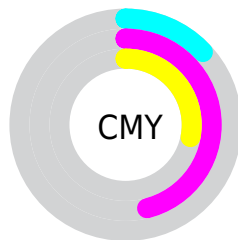
- Red (87%)
- Green (54%)
- Blue (72%)



- Red (87%)
- Yellow (54%)
- Blue (72%)



- Cyan (0%)
- Magenta (38%)
- Yellow (17%)
- Black (13%)



- Cyan (13%)
- Magenta (46%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 167.7730, 7.9999, 47.5571 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 167.7730, 7.9999, 47.5571 by changing the saturation by 10% instead.

167.7730, 7.9999,
47.5571

167.7730, 7.9999,
47.5571

255.0000, 0.0000,
0.0000

140.7620, 8.0053,
45.8127

216.3090, 11.6797,
33.9320

114.1640, 8.3001,
44.5832

234.4550, 10.1287,
18.0180

88.5660, 8.5950,
43.3536

251.4780, 1.7363,
3.0888

63.0820, 9.3266,
42.0241

35.0760, 11.7945,
43.7833

22.1580, 7.3171,
33.1874

13.0720, 0.9505,

21.8619

■ 0.0000, 0.0000,
0.0000

■ 167.7730, 7.9999,
47.5571

■ 167.7730, 7.9999,
47.5571

■ 153.7190, 9.9985,
59.8824

■ 181.8270, 6.0013,
35.2317

■ 139.6650, 11.9972,
72.2078

■ 195.8810, 4.0027,
22.9064

■ 125.0240, 14.2852,
85.0480

■ 210.5220, 1.7147,
10.0662

■ 110.9700, 16.2838,
97.3733

■ 224.5760, -0.2840,
-2.2592

■ 96.9160, 18.2824,
109.6987

■ 238.6300, -2.2826,
-14.5845

■ 82.8620, 20.2810,
122.0240

■ 243.8790, 0.0597,
-19.1879

■ 80.4000, 21.0018,
124.1832

■ 244.9050, 3.9908,
-20.0877

■ 245.1330, 4.8644,
-20.2876

Harmonies

Analogous

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



168.3100, 23.5112, 19.0221



167.7730, 7.9999, 47.5571



165.9690, -9.3517, 59.6632

Triad

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



167.7730, 7.9999, 47.5571



159.0480, -33.0547, 8.7279



129.9420, 40.9476, -113.9591

Complementary

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



167.7730, 7.9999, 47.5571



191.2270, -7.9999, -47.5571

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.



127.9410, 25.6651, -112.2043



167.7730, 7.9999, 47.5571



154.4230, -21.9005, -22.2960

Square

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



167.7730, 7.9999, 47.5571



162.3980, -33.7202, 35.6080



146.4690, -1.7102, -58.2933



148.4450, 41.6856, -70.5503

Rectangle

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



167.7730, 7.9999, 47.5571



164.7980, -20.1134, 58.0592



146.4690, -1.7102, -58.2933



129.3890, 36.2902, -113.4742

Sweetspot

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



167.7730, 7.9999, 47.5571



237.0820, 2.4246, 15.7141



157.7530, 31.6738, 14.2486



117.1090, 1.4253, 9.5514



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.



167.7730, 7.9999, 47.5571



180.3930, 11.1453, 65.4303



163.0990, -9.9088, 51.6562



104.9730, 0.9993, 6.1627



63.6820, 16.4258, 98.5029



17.4300, 4.7180, 26.8099

Inverse Universe

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



167.7730, 7.9999, 47.5571



180.3930, 11.1453, 65.4303



195.9010, 9.9088, -51.6562



104.9730, 0.9993, 6.1627



63.6820, 16.4258, 98.5029



17.4300, 4.7180, 26.8099

Previews

White Background



This preview shows how the YUV color 167.7730, 7.9999, 47.5571 looks on a white background.

Color Contrast Check

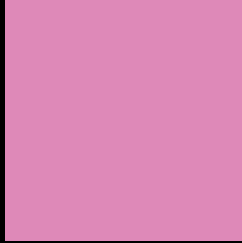
Large Text (above 18pt) WCAG AA × Fail

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 167.7730, 7.9999, 47.5571 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

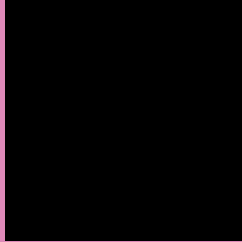
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 167.7730, 7.9999, 47.5571

Background



This preview shows how black text looks on a background with the YUV color 167.7730, 7.9999, 47.5571.



This preview shows how white text looks on a background with the YUV color 167.7730, 7.9999,

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

167.7730, 7.9999, 47.5571

Protanopia

164.3530, 18.0670, -8.2026

Deuteranopia

165.2810, 7.2565, 5.8926



Tritanopia

166.8640, -6.8350, 45.7233

Trichromacy



Original Color

167.7730, 7.9999, 47.5571



Protanomaly

165.5620, 14.5129, 11.7851



Deuteranomaly

166.0810, 7.3551, 20.9770



Tritanomaly

167.2430, -1.5988, 46.2679

Monochromacy



Original Color

167.7730, 7.9999, 47.5571



Achromatopsia

168.0000, 0.0000, 0.0000



Achromatomaly

168.2070, 2.8559, 17.3585

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.7730, 7.9999, 47.5571 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(222, 137, 184)` looks like.

```
.text, #text, p{  
    color:rgb(222, 137, 184)  
}
```

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(222, 137, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 137, 184) }
```

Border

The CSS property to change the border of an element to YUV 167.7730, 7.9999, 47.5571 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(222, 137, 184) }
```


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

```
.border{ border-color:rgb(222, 137, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 137, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 137, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 137, 184);  
box-shadow:4px 4px 4px 4px rgb(222, 137,  
184) }
```

Background

The CSS property to change the background color of an element to YUV 167.7730, 7.9999, 47.5571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 137, 184) }
```

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

```
.background{ background-color: rgb(222,  
137, 184) }
```

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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