

Converting Colors

YUV(176.5700, 32.7500,
42.4731)

Have a look what the booklet for
YUV(176.5700, 32.7500, 42.4731)
contains.

YUV(176.5700, 32.7500, 42.4731)	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(176.5700, 32.7500,
42.4731)**

Conversions

Conversions Part 1

Format	Color
Hex	E18BF3
RGB	225, 139, 243
RGB Percent	88%, 55%, 95%
CMY	0.1176, 0.4549, 0.0471
CMYK	0.07, 0.43, 0.00, 0.05
HSL	290°, 81%, 75%
HSV	290°, 43%, 95%
XYZ	56.4616, 40.9439, 89.7211
YIQ	176.5700, 17.8720, 50.5760

Conversions

Conversions Part 2

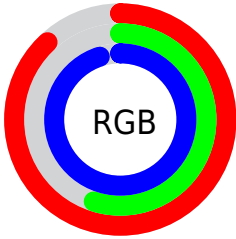
Format	Color
RYB	225, 139, 243
Decimal	14781427
CIELab	70.14, 49.04, -38.99
CIELCh	70, 62.649, 321.510
Yxy	40.9439, 0.3017, 0.2188
Android (android.graphics.Color)	4292971507 (0xFFE18BF3)
YUV	176.5700, 32.7500, 42.4731
Hunter-Lab	63.9874, 45.5281, -38.3434

Details

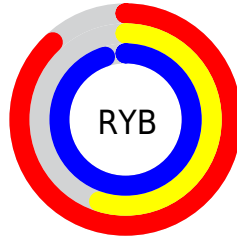
The YUV color **176.5700, 32.7500, 42.4731** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **205.4300, -32.7500, -42.4731**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.1930, 17.6529, 31.4027**, and **121.9180, 31.5924, 40.4139** is the 20% darker color. If you saturate the color by 10%, you get **161.2860, 40.2850, 52.3692**, and if you desaturate by 10%, it is **191.8540, 25.2150, 32.5770**.

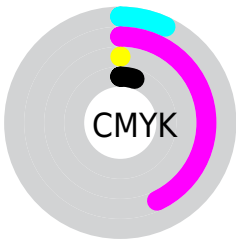
Distribution



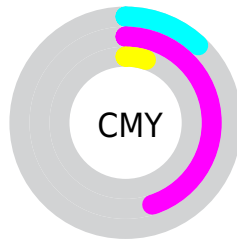
- Red (88%)
- Green (55%)
- Blue (95%)



- Red (88%)
- Yellow (55%)
- Blue (95%)



- Cyan (7%)
- Magenta (43%)
- Yellow (0%)
- Black (5%)





- Cyan (12%)
- Magenta (45%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the YUV color 176.5700, 32.7500, 42.4731 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 176.5700, 32.7500, 42.4731 by changing the saturation by 10% instead.


 176.5700, 32.7500,
42.4731

 176.5700, 32.7500,
42.4731


255.0000, 0.0000,
0.0000

 148.7440, 32.1712,
41.4435


 219.1930, 17.6529,
31.4027


 121.9180, 31.5924,
40.4139


 236.2160, 9.2605,
16.4736

 95.2060, 31.4504,
39.2843

 253.2390, 0.8682,
1.5444

 68.3200, 31.8872,
39.1844

 38.2110, 33.9130,
42.7880

 27.5870, 26.8256,
29.3032

 18.3870, 20.0222,

18.0776

■ 4.1040, 15.7247,
-3.5992

■ 1.2540, 4.8048,
-1.0998

■ 176.5700, 32.7500,
42.4731

■ 176.5700, 32.7500,
42.4731

■ 161.2860, 40.2850,
52.3692

■ 191.8540, 25.2150,
32.5770

■ 145.4150, 48.1094,
62.7800

■ 207.7250, 17.3906,
22.1662

■ 129.8320, 55.7918,
72.0613

■ 223.3080, 9.7082,
12.8849

■ 114.5480, 63.3268,
81.9574

■ 238.5920, 2.1731,
2.9888

■ 98.6770, 71.1512,
92.3683

■ 250.9410, -3.9149,
-4.3333

■ 87.8010, 76.5131,
99.2755

■ 252.1370, -4.5045,
-1.8741

■ 253.3330, -5.0942,
0.5850

■ 253.6320, -5.2416,
1.1997

Harmonies

Analogous

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



167.8070, 42.9861, -20.8787



176.5700, 32.7500, 42.4731



168.9320, 10.3865, 75.4816

Triad

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



176.5700, 32.7500, 42.4731



166.0790, -56.7339, 43.7807



140.9810, 35.0124, -123.6403

Complementary

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



176.5700, 32.7500, 42.4731



205.4300, -32.7500, -42.4731

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.



133.6680, 9.5307, -117.2268



176.5700, 32.7500, 42.4731



161.0690, -51.7990, 0.8165

Square

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



176.5700, 32.7500, 42.4731



168.4740, -42.1387, 75.8833



151.2700, -26.7551, -51.9798



142.9480, 55.2416, -125.3654

Rectangle

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



176.5700, 32.7500, 42.4731



163.4260, -5.6330, 80.3104



151.2700, -26.7551, -51.9798



138.7010, 26.2764, -121.6408

Sweetspot

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



176.5700, 32.7500, 42.4731



233.8350, 10.4343, 13.2997



162.0090, 39.9286, -20.1789



114.4770, 6.6668, 8.3517



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.



176.5700, 32.7500, 42.4731



171.8130, 41.0112, 52.7840



178.1900, 15.6823, 56.8384



114.3580, 3.7675, 4.9480



67.2500, 58.5437, 76.0798



21.0780, 18.6955, 23.6106

Inverse Universe

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



172.1480, -7.4680, 62.1372



166.3780, -9.5534, 77.7215



203.8100, -15.6823, -56.8384



113.8160, -0.8953, 7.1774



59.2620, -13.4402, 111.1492



18.7810, -4.3290, 35.2721

Previews

White Background



This preview shows how the YUV color 176.5700, 32.7500, 42.4731 looks on a white background.

Color Contrast Check

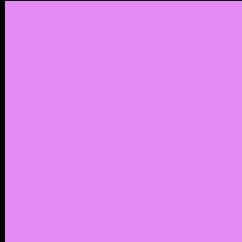
Large Text (above 18pt) WCAG AA × Fail

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 176.5700, 32.7500, 42.4731 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

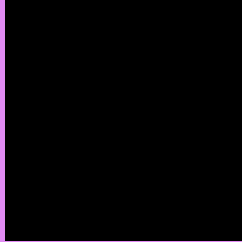
Any Text WCAG AA ✓ Pass

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 176.5700, 32.7500, 42.4731 Background



This preview shows how black text looks on a background with the YUV color 176.5700, 32.7500, 42.4731.



This preview shows how white text looks on a background with the YUV color 176.5700, 32.7500,

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

176.5700, 32.7500, 42.4731

Protanopia

170.7310, 41.5446, -25.1971

Deuteranopia

171.9570, 32.0662, -18.3793



Tritanopia

174.7100, -3.3080, 34.4573

Trichromacy



Original Color

176.5700, 32.7500, 42.4731



Protanomaly

172.7880, 38.5585, -0.6911



Deuteranomaly

173.8010, 32.1431, 3.6825



Tritanomaly

175.4620, 9.6322, 37.3058

Monochromacy



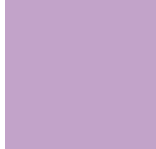
Original Color

176.5700, 32.7500, 42.4731



Achromatopsia

177.0000, 0.0000, 0.0000



Achromatomaly

176.6010, 12.0287, 15.2589

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.5700, 32.7500, 42.4731 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(225, 139, 243)` looks like.

```
.text, #text, p{  
    color:rgb(225, 139, 243)  
}
```

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(225, 139, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 139, 243) }
```

Border

The CSS property to change the border of an element to YUV 176.5700, 32.7500, 42.4731 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(225, 139, 243) }
```


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

```
.border{ border-color:rgb(225, 139, 243) }
```

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

Here you see how a box with a 4 pixel rgb(225, 139, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 139, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 139, 243);  
box-shadow:4px 4px 4px 4px rgb(225, 139,  
243) }
```

Background

The CSS property to change the background color of an element to YUV 176.5700, 32.7500, 42.4731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 139, 243) }
```

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

```
.background{ background-color: rgb(225,  
139, 243) }
```

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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