

Converting Colors

YUV(157.6910, 39.0993,
12.5490)

Have a look what the booklet for
YUV(157.6910, 39.0993, 12.5490)
contains.

YUV(157.6910, 39.0993, 12.5490)	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(157.6910, 39.0993,
12.5490)**

Conversions

Conversions Part 1

Format	Color
Hex	AC87ED
RGB	172, 135, 237
RGB Percent	67%, 53%, 93%
CMY	0.3255, 0.4706, 0.0706
CMYK	0.27, 0.43, 0.00, 0.07
HSL	262°, 74%, 73%
HSV	262°, 43%, 93%
XYZ	40.9633, 32.2130, 84.1795
YIQ	157.6910, -10.6900, 39.5660

Conversions

Conversions Part 2

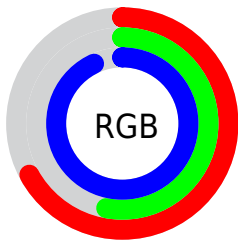
Format	Color
R _Y B	172, 135, 237
Decimal	11306989
CIE Lab	63.52, 34.93, -46.46
CIE LCh	64, 58.123, 306.934
Yxy	32.2130, 0.2603, 0.2047
Android (android.graphics.Color)	4289497069 (0xFFAC87ED)
YUV	157.6910, 39.0993, 12.5490
Hunter-Lab	56.7565, 29.5062, -48.2075

Details

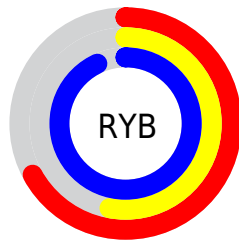
The YUV color **157.6910, 39.0993, 12.5490** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **214.3090, -39.0993, -12.5490**, and the grayscale version is **157.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.4840, 22.9324, 17.9925**, and **104.9250, 37.5050, 10.5898** is the 20% darker color. If you saturate the color by 10%, you get **139.1180, 48.2558, 15.6825**, and if you desaturate by 10%, it is **176.2640, 29.9428, 9.4155**.

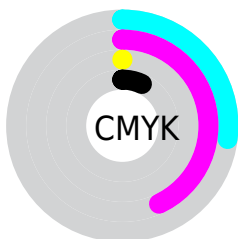
Distribution



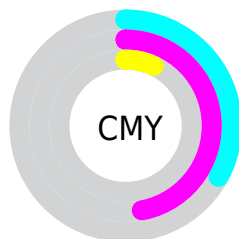
- Red (67%)
- Green (53%)
- Blue (93%)



- Red (67%)
- Yellow (53%)
- Blue (93%)



- Cyan (27%)
- Magenta (43%)
- Yellow (0%)
- Black (7%)



- Cyan (33%)
- Magenta (47%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 157.6910, 39.0993, 12.5490 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 157.6910, 39.0993, 12.5490 by changing the saturation by 10% instead.

157.6910, 39.0993,
12.5490

157.6910, 39.0993,
12.5490

255.0000, 0.0000,
0.0000

130.7510, 38.0838,
11.6194

208.4840, 22.9324,
17.9925

104.9250, 37.5050,
10.5898

232.6940, 10.9969,
19.5624

80.1590, 35.9106,
8.6306

249.1300, 2.8939,
5.1480

55.6210, 35.1898,
6.4714

30.7840, 34.6165,
3.6974

9.3760, 33.3386,
-6.4688

6.0420, 23.1503,

-5.2988

■ 4.7080, 12.9620,
-4.1289

■ 0.2280, 0.8736,
-0.2000

■ 157.6910, 39.0993,
12.5490

■ 157.6910, 39.0993,
12.5490

■ 139.1180, 48.2558,
15.6825

■ 176.2640, 29.9428,
9.4155

■ 121.1320, 57.1229,
18.3012

■ 194.2500, 21.0758,
6.7968

■ 102.5590, 66.2794,
21.4348

■ 212.8230, 11.9193,
3.6632

■ 83.9860, 75.4359,
24.5683

■ 231.3960, 2.7628,
0.5297

■ 65.1140, 84.7398,
27.0870

■ 249.6810, -6.2517,
-1.4742

■ 52.7320, 90.8441,
29.1760

■ 252.9480, -7.8624,
1.7996

Harmonies

Analogous

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



140.9740, 56.2148, -63.9982



157.6910, 39.0993, 12.5490



156.7220, 18.8711, 60.7568

Triad

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



157.6910, 39.0993, 12.5490



149.9030, -46.2942, 55.3361



123.8830, 20.2707, -108.6454

Complementary

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



157.6910, 39.0993, 12.5490



214.3090, -39.0993, -12.5490

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.



115.9660, -2.4482, -101.7022



157.6910, 39.0993, 12.5490



146.4890, -52.0061, 20.6191

Square

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



157.6910, 39.0993, 12.5490



151.1660, -28.1828, 79.6614



140.5250, -36.7408, -22.3854



128.4090, 42.6894, -112.6147

Rectangle

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



157.6910, 39.0993, 12.5490



153.5320, 3.6817, 79.3404



140.5250, -36.7408, -22.3854



121.2440, 12.6977, -106.3310

Sweetspot

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



157.6910, 39.0993, 12.5490



229.3500, 12.6455, 4.0781



185.3700, 25.4536, -44.1745



111.7860, 7.9935, 2.8187



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.



157.6910, 39.0993, 12.5490



151.8130, 50.8712, 16.8270



172.6410, 31.7290, 43.2878



108.4500, 4.2152, 1.3594



40.3680, 69.3316, 22.4793



11.8370, 20.7864, 6.2820

Inverse Universe

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



172.9080, 13.3564, 56.2087



171.4570, 17.5227, 73.2672



199.3590, -31.7290, -43.2878



110.0870, 1.4361, 6.0627



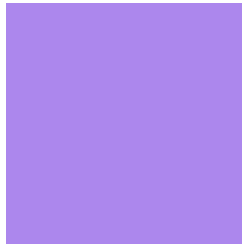
67.2290, 23.5511, 99.7772



20.0220, 6.8912, 29.7987

Previews

White Background



This preview shows how the YUV color 157.6910, 39.0993, 12.5490 looks on a white background.

Color Contrast Check

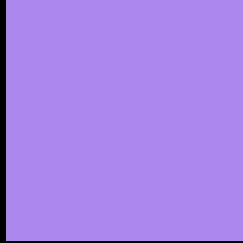
Large Text (above 18pt) WCAG AA × Fail

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 157.6910, 39.0993, 12.5490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

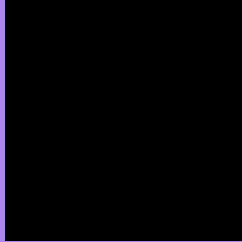
Any Text WCAG AA ✓ Pass

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 157.6910, 39.0993, 12.5490 Background



This preview shows how black text looks on a background with the YUV color 157.6910, 39.0993, 12.5490.



This preview shows how white text looks on a background with the YUV color 157.6910, 39.0993, 12.5490.

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

157.6910, 39.0993, 12.5490

Protanopia

151.3370, 49.1339, -32.7445

Deuteranopia

151.0570, 40.3979, -30.7450



Tritanopia

154.4610, 4.2097, 3.1037

Trichromacy



Original Color

157.6910, 39.0993, 12.5490



Protanomaly

153.5240, 45.5907, -16.2455



Deuteranomaly

153.0420, 39.9123, -14.9458



Tritanomaly

155.5120, 17.0026, 6.5670

Monochromacy



Original Color

157.6910, 39.0993, 12.5490



Achromatopsia

158.0000, 0.0000, 0.0000



Achromatomaly

158.1050, 14.2452, 4.2929

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.6910, 39.0993, 12.5490 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, 135, 237)` looks like.

```
.text, #text, p{  
    color:rgb(172, 135, 237)  
}
```

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, 135, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 135, 237) }
```

Border

The CSS property to change the border of an element to YUV 157.6910, 39.0993, 12.5490 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, 135, 237) }
```


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

```
.border{ border-color:rgb(172, 135, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 135, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 135, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 135, 237);  
box-shadow:4px 4px 4px 4px rgb(172, 135,  
237) }
```

Background

The CSS property to change the background color of an element to YUV 157.6910, 39.0993, 12.5490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 135, 237) }
```

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

```
.background{ background-color: rgb(172,  
135, 237) }
```

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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