

Converting Colors

YUV(157.8730, 29.6426,
12.3894)

Have a look what the booklet for
YUV(157.8730, 29.6426, 12.3894)
contains.

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Color

**YUV(157.8730, 29.6426,
12.3894)**

Conversions

Conversions Part 1

Format	Color
Hex	AC8BDA
RGB	172, 139, 218
RGB Percent	67%, 55%, 85%
CMY	0.3255, 0.4549, 0.1451
CMYK	0.21, 0.36, 0.00, 0.15
HSL	265°, 52%, 70%
HSV	265°, 36%, 85%
XYZ	38.9008, 32.2978, 70.5135
YIQ	157.8730, -5.6910, 31.5650

Conversions

Conversions Part 2

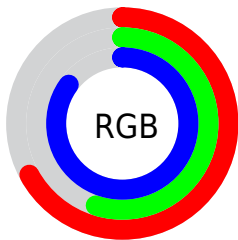
Format	Color
RYB	172, 139, 218
Decimal	11307994
CIELab	63.59, 28.18, -35.81
CIElCh	64, 45.570, 308.195
Yxy	32.2978, 0.2745, 0.2279
Android (android.graphics.Color)	4289498074 (0xFFAC8BDA)
YUV	157.8730, 29.6426, 12.3894
Hunter-Lab	56.8312, 22.7281, -33.7824

Details

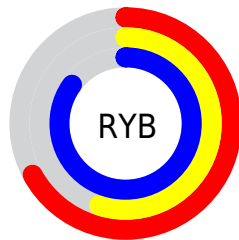
The YUV color **157.8730, 29.6426, 12.3894** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **199.1270, -29.6426, -12.3894**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.5330, 21.9222, 15.3186**, and **105.5200, 28.3376, 10.9450** is the 20% darker color. If you saturate the color by 10%, you get **141.0720, 37.9255, 15.7229**, and if you desaturate by 10%, it is **174.6740, 21.3597, 9.0559**.

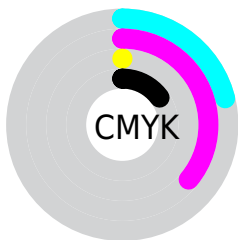
Distribution



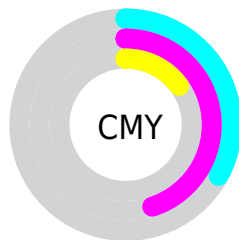
- Red (67%)
- Green (55%)
- Blue (85%)



- Red (67%)
- Yellow (55%)
- Blue (85%)



- Cyan (21%)
- Magenta (36%)
- Yellow (0%)
- Black (15%)



- Cyan (33%)
- Magenta (45%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 157.8730, 29.6426, 12.3894 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 157.8730, 29.6426, 12.3894 by changing the saturation by 10% instead.

■ 157.8730, 29.6426,
12.3894

■ 157.8730, 29.6426,
12.3894

255.0000, 0.0000,
0.0000

■ 131.3460, 28.9164,
11.9746

■ 210.5330, 21.9222,
15.3186

■ 105.5200, 28.3376,
10.9450

■ 235.0420, 9.8393,
17.5032

■ 81.1670, 27.0327,
9.5005

■ 252.0650, 1.4470,
2.5740

■ 57.2270, 26.0171,
8.5709

■ 34.1020, 25.5857,
6.9265

■ 12.4500, 24.4281,
4.8674

■ 5.6200, 16.4563,

-4.9287

■ 2.5250, 7.1362,
-2.2144

■ 0.0000, 0.0000,
0.0000

■ 157.8730, 29.6426,
12.3894

■ 157.8730, 29.6426,
12.3894

■ 141.0720, 37.9255,
15.7229

■ 174.6740, 21.3597,
9.0559

■ 124.5700, 46.0610,
19.6711

■ 191.1760, 13.2242,
5.1076

■ 108.3560, 54.0545,
22.4898

■ 207.3900, 5.2307,
2.2890

■ 91.5550, 62.3374,
25.8233

■ 224.1910, -3.0522,
-1.0445

■ 75.0530, 70.4729,
29.7715

■ 240.6930,
-11.1876, -4.9928

■ 58.2520, 78.7558,
33.1050

■ 248.6890,
-15.1297, -0.6043

■ 52.0610, 81.8079,
34.1495

■ 250.7820,
-16.1615, 3.6992

Harmonies

Analogous

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



148.7680, 42.0194, -37.5075



157.8730, 29.6426, 12.3894



158.1520, 13.2361, 48.1017

Triad

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



157.8730, 29.6426, 12.3894



152.3560, -36.6575, 44.4148



121.4210, 20.9914, -106.4862

Complementary

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



157.8730, 29.6426, 12.3894



199.1270, -29.6426, -12.3894

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.



135.4920, -6.6516, -60.0675



157.8730, 29.6426, 12.3894



149.3110, -38.6073, 16.3903

Square

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



157.8730, 29.6426, 12.3894



153.9080, -23.6186, 62.3477



144.5500, -27.8792, -18.0224



124.6930, 38.6054, -109.3558

Rectangle

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



157.8730, 29.6426, 12.3894



156.3250, 0.8258, 61.9820



144.5500, -27.8792, -18.0224



119.8250, 14.8763, -105.0865

Sweetspot

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



157.8730, 29.6426, 12.3894



233.7800, 10.4615, 4.5779



175.0080, 21.1951, -31.5790



115.0310, 6.3937, 2.6038



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.



157.8730, 29.6426, 12.3894



171.2940, 41.2671, 17.2822



169.5340, 23.8937, 36.3657



101.4500, 4.2151, 1.3593



41.2500, 64.9527, 26.9677



10.9250, 17.2920, 7.0818

Inverse Universe

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



167.8650, 8.4476, 43.9684



185.1860, 11.7403, 61.2269



187.4660, -23.8937, -36.3657



102.9730, 0.9993, 6.1627



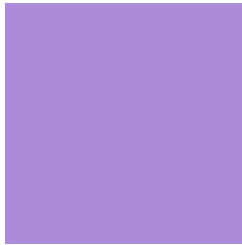
63.2410, 18.6152, 96.2586



16.8320, 5.0128, 25.5803

Previews

White Background



This preview shows how the YUV color 157.8730, 29.6426, 12.3894 looks on a white background.

Color Contrast Check

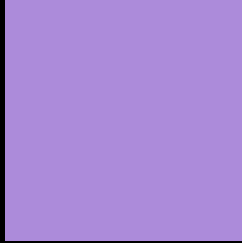
Large Text (above 18pt) WCAG AA × Fail

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 157.8730, 29.6426, 12.3894 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

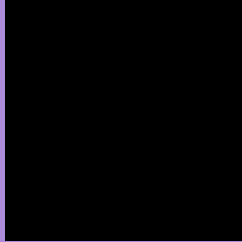
Any Text WCAG AA ✓ Pass

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 157.8730, 29.6426, 12.3894 Background



This preview shows how black text looks on a background with the YUV color 157.8730, 29.6426, 12.3894.



This preview shows how white text looks on a background with the YUV color 157.8730, 29.6426, 12.3894.

12.3894.

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

157.8730, 29.6426, 12.3894

Protanopia

153.4880, 36.7344, -22.3530

Deuteranopia

153.5010, 30.3190, -17.9794



Tritanopia

154.9560, 3.4727, 6.1776

Trichromacy



Original Color

157.8730, 29.6426, 12.3894

Protanomaly

154.8810, 34.0757, -9.5426

Deuteranomaly

154.8660, 30.1391, -6.8985

Tritanomaly

156.0840, 12.7766, 8.6963

Monochromacy



Original Color

157.8730, 29.6426, 12.3894

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

157.8940, 10.8983, 4.4780

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.8730, 29.6426, 12.3894 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, 139, 218)` looks like.

```
.text, #text, p{  
    color:rgb(172, 139, 218)  
}
```

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, 139, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 139, 218) }
```

Border

The CSS property to change the border of an element to YUV 157.8730, 29.6426, 12.3894 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, 139, 218) }
```


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

```
.border{ border-color:rgb(172, 139, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 139, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 139, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 139, 218);  
box-shadow:4px 4px 4px 4px rgb(172, 139,  
218) }
```

Background

The CSS property to change the background color of an element to YUV 157.8730, 29.6426, 12.3894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 139, 218) }
```

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

```
.background{ background-color: rgb(172,  
139, 218) }
```

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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