

Converting Colors

YUV(115.2720, 31.4179,
49.7505)

Have a look what the booklet for
YUV(115.2720, 31.4179, 49.7505)
contains.

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Color

**YUV(115.2720, 31.4179,
49.7505)**

Conversions

Conversions Part 1

Format	Color
Hex	AC4AB3
RGB	172, 74, 179
RGB Percent	67%, 29%, 70%
CMY	0.3255, 0.7098, 0.2980
CMYK	0.04, 0.59, 0.00, 0.30
HSL	296°, 42%, 50%
HSV	296°, 59%, 70%
XYZ	27.5987, 16.9229, 44.4597
YIQ	115.2720, 24.7030, 53.4310

Conversions

Conversions Part 2

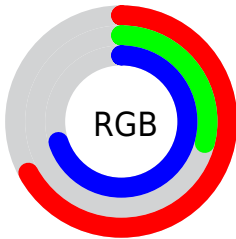
Format	Color
R_{YB}	172, 74, 179
Decimal	11291315
CIE _{Lab}	48.16, 54.53, -37.75
CIE _{LCh}	48, 66.324, 325.306
Yxy	16.9229, 0.3102, 0.1902
Android (android.graphics.Color)	4289481395 (0xFFAC4AB3)
YUV	115.2720, 31.4179, 49.7505
Hunter-Lab	41.1374, 47.7635, -35.2820

Details

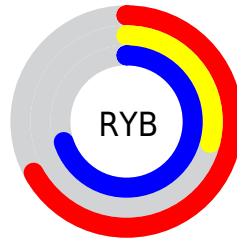
The YUV color **115.2720, 31.4179, 49.7505** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **137.7280, -31.4179, -49.7505**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.6960, 31.7019, 52.0096**, and **56.3910, 34.3172, 53.1541** is the 20% darker color. If you saturate the color by 10%, you get **104.4070, 36.7743, 58.4021**, and if you desaturate by 10%, it is **126.1370, 26.0615, 41.0989**.

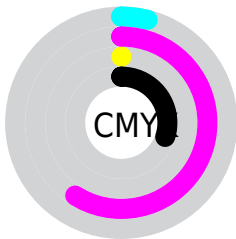
Distribution



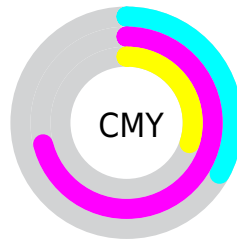
- Red (67%)
- Green (29%)
- Blue (70%)



- Red (67%)
- Yellow (29%)
- Blue (70%)



- Cyan (4%)
- Magenta (59%)
- Yellow (0%)
- Black (30%)



- Cyan (33%)
- Magenta (71%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.2720, 31.4179, 49.7505 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 115.2720, 31.4179, 49.7505 by changing the saturation by 10% instead.

■ 115.2720, 31.4179,
49.7505

■ 115.2720, 31.4179,
49.7505

255.0000, 0.0000,
0.0000

■ 87.3860, 31.8547,
49.6505

■ 170.6960, 31.7019,
52.0096

■ 56.3910, 34.3172,
53.1541

■ 196.3000, 28.9391,
51.4799

■ 38.3100, 30.4132,
45.3321

■ 212.7360, 20.8362,
37.0655

■ 27.8000, 23.7626,
31.7474

■ 229.7590, 12.4438,
22.1364

■ 18.3010, 17.1066,
19.9070

■ 246.7820, 4.0515,
7.2072

■ 3.4200, 13.1039,
-2.9993

■ 0.0000, 0.0000,

0.0000

■ 115.2720, 31.4179,
49.7505

■ 115.2720, 31.4179,
49.7505

■ 104.4070, 36.7743,
58.4021

■ 126.1370, 26.0615,
41.0989

■ 93.5420, 42.1308,
67.0537

■ 137.0020, 20.7050,
32.4472

■ 82.3780, 47.6346,
75.0905

■ 148.1660, 15.2012,
24.4104

■ 71.5130, 52.9911,
83.7421

■ 159.0310, 9.8447,
15.7588

■ 70.3390, 53.5699,
84.7717

■ 169.8960, 4.4883,
7.1072

■ 180.1740, -0.5788,
-1.0296

■ 191.0390, -5.9352,
-9.6812

■ 202.2030,
-11.4391, -17.7180

■ 213.0680,
-16.7955, -26.3696

Harmonies

Analogous

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



112.1090, 51.7113, -19.3896



115.2720, 31.4179, 49.7505



104.4330, 10.6325, 89.9513

Triad

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



115.2720, 31.4179, 49.7505



107.6370, -53.0650, 33.6444



99.9470, 30.0991, -87.6535

Complementary

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



115.2720, 31.4179, 49.7505



137.7280, -31.4179, -49.7505

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.



92.7480, 5.0542, -81.3400



115.2720, 31.4179, 49.7505



100.8830, -49.7353, -7.7904

Square

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



115.2720, 31.4179, 49.7505



106.4040, -46.0482, 69.8057



83.7880, -19.1225, -73.4821



102.7290, 50.9126, -90.0933

Rectangle

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



115.2720, 31.4179, 49.7505



102.1830, -6.9922, 96.3095



83.7880, -19.1225, -73.4821



97.7810, 21.8000, -85.7539

Sweetspot

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



115.2720, 31.4179, 49.7505



206.4490, 12.5966, 19.7772



90.0790, 43.8381, -14.1013



101.4390, 7.6716, 12.7700



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



115.2720, 31.4179, 49.7505



133.6170, 48.5028, 76.6349



112.1210, 10.2933, 58.6529



83.7170, 2.6045, 4.6332



60.1990, 45.7509, 72.6165



10.1400, 7.8190, 12.1552

Inverse Universe

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



106.1930, -12.4201, 63.8517



119.5780, -19.5120, 98.5941



140.8790, -10.2933, -58.6529



82.8050, -0.8899, 5.4330



46.8870, -18.1853, 93.0611



8.0020, -2.9590, 15.7842

Previews

White Background



This preview shows how the YUV color 115.2720, 31.4179, 49.7505 looks on a white background.

Color Contrast Check

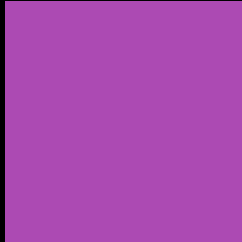
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 115.2720, 31.4179, 49.7505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

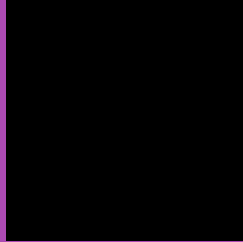
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 115.2720, 31.4179, 49.7505 Background



This preview shows how black text looks on a background with the YUV color 115.2720, 31.4179, 49.7505.



This preview shows how white text looks on a background with the YUV color 115.2720, 31.4179, 49.7505.

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

115.2720, 31.4179, 49.7505

Protanopia

108.6780, 51.9237, -40.9366

Deuteranopia

113.1370, 29.0195, -21.1681



Tritanopia

115.8310, -6.8187, 40.4902

Trichromacy



Original Color

115.2720, 31.4179, 49.7505



Protanomaly

110.9380, 44.4006, -7.8386



Deuteranomaly

113.6440, 30.2485, 4.6972



Tritanomaly

115.5230, 7.1372, 44.2683

Monochromacy



Original Color

115.2720, 31.4179, 49.7505



Achromatopsia

115.0000, 0.0000, 0.0000



Achromatomaly

115.0960, 11.2917, 18.3328

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.2720, 31.4179, 49.7505 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, 74, 179)` looks like.

```
.text, #text, p{  
    color:rgb(172, 74, 179)  
}
```

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, 74, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 74, 179) }
```

Border

The CSS property to change the border of an element to YUV 115.2720, 31.4179, 49.7505 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, 74, 179) }
```


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

```
.border{ border-color:rgb(172, 74, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 74, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 74, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 74, 179);  
box-shadow:4px 4px 4px 4px rgb(172, 74,  
179) }
```

Background

The CSS property to change the background color of an element to YUV 115.2720, 31.4179, 49.7505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 74, 179) }
```

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

```
.background{ background-color: rgb(172, 74,  
179) }
```

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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