

Converting Colors

YUV(102.1170, 32.9733,
17.4374)

Have a look what the booklet for
YUV(102.1170, 32.9733, 17.4374)
contains.

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Color

**YUV(102.1170, 32.9733,
17.4374)**

Conversions

Conversions Part 1

Format	Color
Hex	7A4FA9
RGB	122, 79, 169
RGB Percent	48%, 31%, 66%
CMY	0.5216, 0.6902, 0.3373
CMYK	0.28, 0.53, 0.00, 0.34
HSL	269°, 36%, 49%
HSV	269°, 53%, 66%
XYZ	17.9835, 12.5941, 39.0192
YIQ	102.1170, -3.2620, 37.1060

Conversions

Conversions Part 2

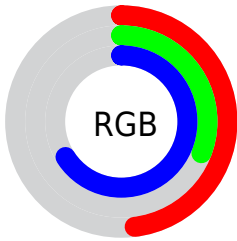
Format	Color
R_{YB}	122, 79, 169
Decimal	8015785
CIE _{Lab}	42.15, 36.42, -41.81
CIE _{LCh}	42, 55.446, 311.058
Yxy	12.5941, 0.2584, 0.1810
Android (android.graphics.Color)	4286205865 (0xFF7A4FA9)
YUV	102.1170, 32.9733, 17.4374
Hunter-Lab	35.4882, 28.3496, -40.3475

Details

The YUV color **102.1170, 32.9733, 17.4374** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **145.8830, -32.9733, -17.4374**, and the grayscale version is **102.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.8830, 34.5677, 19.3966**, and **52.3510, 31.3790, 15.4782** is the 20% darker color. If you saturate the color by 10%, you get **89.4470, 39.2196, 20.6560**, and if you desaturate by 10%, it is **114.7870, 26.7270, 14.2188**.

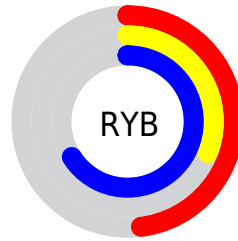
Distribution



Red (48%)

Green (31%)

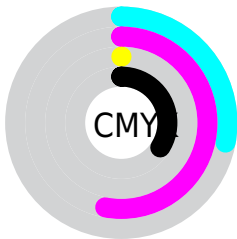
Blue (66%)



Red (48%)

Yellow (31%)

Blue (66%)

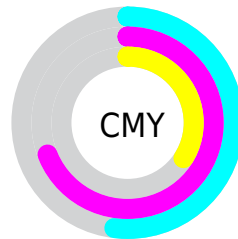


Cyan (28%)

Magenta (53%)

Yellow (0%)

Black (34%)



Cyan (52%)

Magenta (69%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 102.1170, 32.9733, 17.4374 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 102.1170, 32.9733, 17.4374 by changing the saturation by 10% instead.

102.1170, 32.9733,
17.4374

102.1170, 32.9733,
17.4374

255.0000, 0.0000,
0.0000

77.1770, 31.9577,
16.5078

154.8830, 34.5677,
19.3966

52.3510, 31.3790,
15.4782

181.8230, 35.5833,
20.3262

27.6390, 31.2370,
14.3486

206.4570, 23.9317,
24.1552

13.6180, 26.3173,
5.5970

229.1720, 12.7332,
22.6512

5.6030, 18.9297,
-4.9138

246.1950, 4.3409,
7.7220

3.0950, 9.3202,
-2.7143

0.0000, 0.0000,

0.0000

■ 102.1170, 32.9733,
17.4374

■ 102.1170, 32.9733,
17.4374

■ 89.4470, 39.2196,
20.6560

■ 114.7870, 26.7270,
14.2188

■ 76.7770, 45.4659,
23.8746

■ 127.4570, 20.4807,
11.0002

■ 64.4060, 51.5648,
27.7079

■ 139.8280, 14.3818,
7.1668

■ 51.7360, 57.8112,
30.9265

■ 152.4980, 8.1355,
3.9483

■ 43.4850, 61.8789,
32.9007

■ 164.5810, 2.1786,
1.2445

■ 177.2510, -4.0677,
-1.9741

■ 189.9210,
-10.3141, -5.1927

■ 202.5910,
-16.5604, -8.4113

■ 214.9620,
-22.6593, -12.2447

Harmonies

Analogous

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



79.7730, 54.3419, -69.9609



102.1170, 32.9733, 17.4374



97.9130, 15.8189, 59.7123

Triad

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



102.1170, 32.9733, 17.4374



93.2390, -45.9668, 43.6404



83.6640, 15.9416, -73.3733

Complementary

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



102.1170, 32.9733, 17.4374



145.8830, -32.9733, -17.4374

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.



77.0180, -4.4459, -67.5448



102.1170, 32.9733, 17.4374



91.8560, -45.2850, 11.5273

Square

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



102.1170, 32.9733, 17.4374



93.9580, -26.1083, 67.5658



84.4580, -31.7778, -27.5887



87.9790, 35.0134, -77.1576

Rectangle

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



102.1170, 32.9733, 17.4374



93.3850, 3.2612, 74.2074



84.4580, -31.7778, -27.5887



81.8400, 8.9529, -71.7737

Sweetspot

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



102.1170, 32.9733, 17.4374



193.0730, 12.7820, 6.9520



117.4360, 25.4211, -33.7084



94.3840, 7.6987, 4.0482



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



102.1170, 32.9733, 17.4374



114.9930, 51.2755, 27.1931



115.2730, 26.4874, 44.4876



78.1080, 2.9048, 1.6593



38.1010, 54.1802, 28.8524



5.2700, 7.2619, 4.1482

Inverse Universe

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



111.2680, 7.2629, 50.6310



129.1820, 11.2493, 78.7704



132.7270, -26.4874, -44.4876



78.8480, 0.5679, 4.5183



53.0300, 11.8172, 83.2887



7.2340, 1.8566, 11.1958

Previews

White Background



This preview shows how the YUV color 102.1170, 32.9733, 17.4374 looks on a white background.

Color Contrast Check

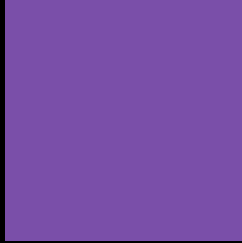
Large Text (above 18pt) WCAG AA ✓ Pass

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 102.1170, 32.9733, 17.4374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

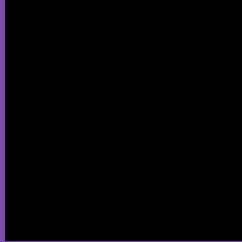
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 102.1170, 32.9733, 17.4374

Background



This preview shows how black text looks on a background with the YUV color 102.1170, 32.9733, 17.4374.



This preview shows how white text looks on a background with the YUV color 102.1170, 32.9733, 17.4374.

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

102.1170, 32.9733, 17.4374

Protanopia

93.6910, 45.5083, -36.5630

Deuteranopia

94.8520, 34.5830, -32.3192



Tritanopia

100.9840, 0.9939, 7.9070

Trichromacy



Original Color

102.1170, 32.9733, 17.4374

Protanomaly

96.3730, 41.2281, -16.9901

Deuteranomaly

97.1470, 33.9445, -14.1609

Tritanomaly

101.3940, 12.6238, 11.0555

Monochromacy



Original Color

102.1170, 32.9733, 17.4374

Achromatopsia

102.0000, 0.0000, 0.0000

Achromatomaly

102.1330, 11.7664, 6.0224

CSS Examples

Text

The CSS property to change the color of the text to YUV 102.1170, 32.9733, 17.4374 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(122, 79, 169)` looks like.

```
.text, #text, p{  
    color:rgb(122, 79, 169)  
}
```

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(122, 79, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 79, 169) }
```

Border

The CSS property to change the border of an element to YUV 102.1170, 32.9733, 17.4374 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(122, 79, 169) }
```


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

```
.border{ border-color:rgb(122, 79, 169) }
```

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

Here you see how a box with a 4 pixel rgb(122, 79, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 79, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 79, 169);  
box-shadow:4px 4px 4px 4px rgb(122, 79,  
169) }
```

Background

The CSS property to change the background color of an element to YUV 102.1170, 32.9733, 17.4374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 79, 169) }
```

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

```
.background{ background-color: rgb(122, 79,  
169) }
```

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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