

Converting Colors

YUV(115.7690, 37.5819,
32.6516)

Have a look what the booklet for
YUV(115.7690, 37.5819, 32.6516)
contains.

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Color

**YUV(115.7690, 37.5819,
32.6516)**

Conversions

Conversions Part 1

Format	Color
Hex	9952C0
RGB	153, 82, 192
RGB Percent	60%, 32%, 75%
CMY	0.4000, 0.6784, 0.2471
CMYK	0.20, 0.57, 0.00, 0.25
HSL	279°, 47%, 54%
HSV	279°, 57%, 75%
XYZ	25.6686, 16.6127, 51.7229
YIQ	115.7690, 7.0060, 49.2620

Conversions

Conversions Part 2

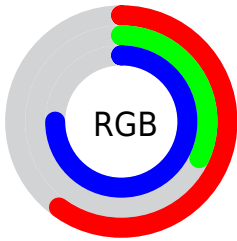
Format	Color
RYB	153, 82, 192
Decimal	10048192
CIELab	47.77, 48.33, -46.11
CIElCh	48, 66.793, 316.346
Yxy	16.6127, 0.2731, 0.1767
Android (android.graphics.Color)	4288238272 (0xFF9952C0)
YUV	115.7690, 37.5819, 32.6516
Hunter-Lab	40.7586, 41.0864, -46.7082

Details

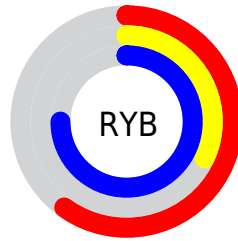
The YUV color **115.7690, 37.5819, 32.6516** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **158.2310, -37.5819, -32.6516**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.8340, 39.0288, 35.2256**, and **62.6440, 37.1505, 31.0072** is the 20% darker color. If you saturate the color by 10%, you get **102.5230, 44.1122, 38.1293**, and if you desaturate by 10%, it is **129.0150, 31.0516, 27.1738**.

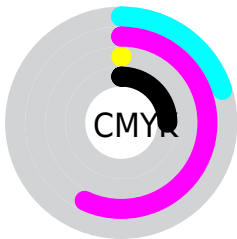
Distribution



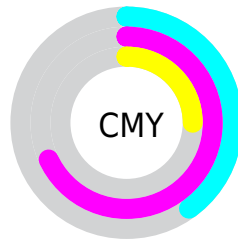
- Red (60%)
- Green (32%)
- Blue (75%)



- Red (60%)
- Yellow (32%)
- Blue (75%)



- Cyan (20%)
- Magenta (57%)
- Yellow (0%)
- Black (25%)



- Cyan (40%)
- Magenta (68%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.7690, 37.5819, 32.6516 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 115.7690, 37.5819, 32.6516 by changing the saturation by 10% instead.

115.7690, 37.5819,
32.6516

115.7690, 37.5819,
32.6516

255.0000, 0.0000,
0.0000

89.0570, 37.4399,
31.5220

169.8340, 39.0288,
35.2256

62.6440, 37.1505,
31.0072

195.6250, 29.2719,
38.0399

34.2960, 38.3081,
33.0664

216.2580, 19.0998,
33.9767

23.3730, 31.3681,
18.9669

233.2810, 10.7075,
19.0476

13.4610, 24.4227,
6.6117

250.3040, 2.3151,
4.1184

6.3210, 16.6037,
-5.5435

2.5250, 7.1362,

-2.2144

■ 0.0000, 0.0000,
0.0000

■ 115.7690, 37.5819,
32.6516

■ 115.7690, 37.5819,
32.6516

■ 102.5230, 44.1122,
38.1293

■ 129.0150, 31.0516,
27.1738

■ 89.2770, 50.6424,
43.6071

■ 142.2610, 24.5213,
21.6961

■ 75.7430, 57.3147,
50.2144

■ 155.7950, 17.8491,
15.0888

■ 62.4970, 63.8450,
55.6921

■ 169.0410, 11.3188,
9.6110

■ 58.9640, 65.5867,
57.0366

■ 182.2870, 4.7885,
4.1333

■ 195.5330, -1.7418,
-1.3444

■ 208.7790, -8.2720,
-6.8222

■ 222.3130,
-14.9443, -13.4295

■ 235.5590,
-21.4746, -18.9072

Harmonies

Analogous

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



98.0650, 61.5930, -62.3240



115.7690, 37.5819, 32.6516



106.5120, 17.4956, 81.9890

Triad

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



115.7690, 37.5819, 32.6516



106.5290, -52.5188, 45.1401



97.4220, 22.9630, -85.4391

Complementary

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



115.7690, 37.5819, 32.6516



158.2310, -37.5819, -32.6516

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.



89.5220, -2.2293, -78.5108



115.7690, 37.5819, 32.6516



103.0310, -50.7943, 5.2348

Square

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



115.7690, 37.5819, 32.6516



105.2770, -36.6186, 78.6871



88.7880, -32.4335, -50.6801



101.9480, 45.3816, -89.4084

Rectangle

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



115.7690, 37.5819, 32.6516



100.7730, 1.5909, 96.6691



88.7880, -32.4335, -50.6801



95.1420, 14.2270, -83.4395

Sweetspot

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



115.7690, 37.5819, 32.6516



220.2740, 14.6549, 12.9147



118.0200, 36.4721, -31.5895



107.6340, 8.5614, 7.3370



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



115.7690, 37.5819, 32.6516



130.2100, 59.0565, 51.5588



125.7200, 25.2810, 58.1276



89.9340, 3.4835, 2.6889



49.4500, 54.9941, 47.8404



10.0410, 11.3188, 9.6110

Inverse Universe

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



119.3360, 0.8204, 63.7263



135.7950, 1.5801, 100.1578



148.2800, -25.2810, -58.1276



90.4460, 0.2731, 5.7479



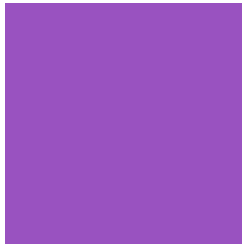
54.6370, 1.1650, 93.2804



11.2350, 0.3771, 19.0879

Previews

White Background



This preview shows how the YUV color 115.7690, 37.5819, 32.6516 looks on a white background.

Color Contrast Check

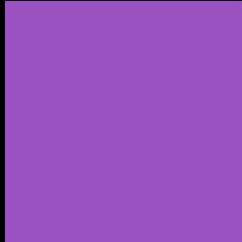
Large Text (above 18pt) WCAG AA ✓ Pass

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 115.7690, 37.5819, 32.6516 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

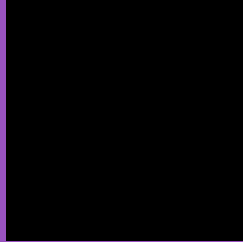
Any Text WCAG AA × Fail

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 115.7690, 37.5819, 32.6516 Background



This preview shows how black text looks on a background with the YUV color 115.7690, 37.5819, 32.6516.



This preview shows how white text looks on a background with the YUV color 115.7690, 37.5819,

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

115.7690, 37.5819, 32.6516

Protanopia

104.3010, 57.0396, -48.4990

Deuteranopia

108.7530, 38.0828, -34.8634



Tritanopia

115.6760, -1.8123, 21.3321

Trichromacy



Original Color

115.7690, 37.5819, 32.6516

Protanomaly

108.6530, 49.9641, -18.9897

Deuteranomaly

111.2060, 37.8594, -9.8277

Tritanomaly

115.7810, 12.4330, 25.6251

Monochromacy



Original Color

115.7690, 37.5819, 32.6516

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

116.0350, 13.7867, 11.3703

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.7690, 37.5819, 32.6516 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(153, 82, 192)` looks like.

```
.text, #text, p{  
    color:rgb(153, 82, 192)  
}
```

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(153, 82, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 82, 192) }
```

Border

The CSS property to change the border of an element to YUV 115.7690, 37.5819, 32.6516 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(153, 82, 192) }
```


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

```
.border{ border-color:rgb(153, 82, 192) }
```

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

Here you see how a box with a 4 pixel rgb(153, 82, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 82, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 82, 192);  
box-shadow:4px 4px 4px 4px rgb(153, 82,  
192) }
```

Background

The CSS property to change the background color of an element to YUV 115.7690, 37.5819, 32.6516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 82, 192) }
```

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

```
.background{ background-color: rgb(153, 82,  
192) }
```

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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