

Converting Colors

YUV(110.7690, 20.8199,
42.2986)

Have a look what the booklet for
YUV(110.7690, 20.8199, 42.2986)
contains.

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Color

**YUV(110.7690, 20.8199,
42.2986)**

Conversions

Conversions Part 1

Format	Color
Hex	9F4E99
RGB	159, 78, 153
RGB Percent	62%, 31%, 60%
CMY	0.3765, 0.6941, 0.4000
CMYK	0.00, 0.51, 0.04, 0.38
HSL	304°, 34%, 46%
HSV	304°, 51%, 62%
XYZ	22.7722, 15.1196, 31.8551
YIQ	110.7690, 24.2010, 40.4970

Conversions

Conversions Part 2

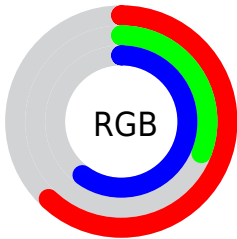
Format	Color
RYB	159, 78, 153
Decimal	10440345
CIELab	45.80, 44.18, -26.22
CIELCh	46, 51.374, 329.307
Yxy	15.1196, 0.3265, 0.2168
Android (android.graphics.Color)	4288630425 (0xFF9F4E99)
YUV	110.7690, 20.8199, 42.2986
Hunter-Lab	38.8839, 36.4909, -21.3538

Details

The YUV color **110.7690, 20.8199, 42.2986** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **126.2310, -20.8199, -42.2986**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.3070, 21.5406, 44.4578**, and **57.6980, 21.8409, 41.4839** is the 20% darker color. If you saturate the color by 10%, you get **101.2630, 25.0133, 50.6353**, and if you desaturate by 10%, it is **120.2750, 16.6264, 33.9618**.

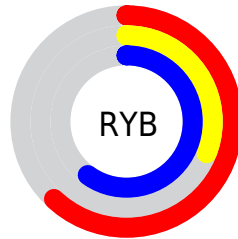
Distribution



Red (62%)

Green (31%)

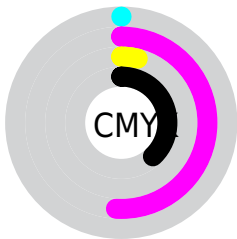
Blue (60%)



Red (62%)

Yellow (31%)

Blue (60%)

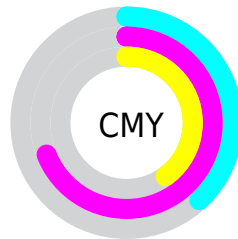


Cyan (0%)

Magenta (51%)

Yellow (4%)

Black (38%)



Cyan (38%)

Magenta (69%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 110.7690, 20.8199, 42.2986 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 110.7690, 20.8199, 42.2986 by changing the saturation by 10% instead.

■ 110.7690, 20.8199,
42.2986

■ 110.7690, 20.8199,
42.2986

■ 255.0000, 0.0000,
0.0000

■ 84.4700, 20.9673,
41.6838

■ 164.3070, 21.5406,
44.4578

■ 57.6980, 21.8409,
41.4839

■ 192.3180, 21.5352,
46.2021

■ 32.3990, 21.9883,
40.8691

■ 213.9100, 20.2574,
36.0359

■ 22.3020, 15.6271,
27.7991

■ 230.3460, 12.1544,
21.6216

■ 13.0310, 9.8447,
15.7588

■ 247.3690, 3.7621,
6.6924

■ 0.4560, 1.7472,
-0.3999

■ 0.0000, 0.0000,

0.0000

■ 110.7690, 20.8199,
42.2986

■ 110.7690, 20.8199,
42.2986

■ 101.2630, 25.0133,
50.6353

■ 120.2750, 16.6264,
33.9618

■ 91.7570, 29.2068,
58.9721

■ 129.7810, 12.4330,
25.6251

■ 82.1370, 32.9635,
67.4089

■ 139.4010, 8.6763,
17.1883

■ 72.6310, 37.1569,
75.7456

■ 148.9070, 4.4828,
8.8516

■ 64.2990, 40.7716,
83.0528

■ 158.4130, 0.2894,
0.5148

■ 167.3320, -3.6147,
-7.3072

■ 176.8380, -7.8081,
-15.6439

■ 186.3440,
-12.0016, -23.9807

■ 195.9640,
-15.7583, -32.4174

Harmonies

Analogous

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



109.6090, 36.6748, -3.1651



110.7690, 20.8199, 42.2986



106.1130, 2.4093, 67.4299

Triad

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



110.7690, 20.8199, 42.2986



101.9610, -47.8018, 25.4672



92.1220, 28.0409, -80.7910

Complementary

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



110.7690, 20.8199, 42.2986



126.2310, -20.8199, -42.2986

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.



87.2200, 9.2585, -76.4919



110.7690, 20.8199, 42.2986



98.3140, -36.6368, -9.0454

Square

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



110.7690, 20.8199, 42.2986



104.6280, -35.8056, 51.1922



83.1340, -10.4191, -65.0155



93.5360, 43.6128, -82.0311

Rectangle

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



110.7690, 20.8199, 42.2986



104.6930, -10.6946, 70.4292



83.1340, -10.4191, -65.0155



91.2270, 22.0731, -80.0061

Sweetspot

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



110.7690, 20.8199, 42.2986



188.4610, 7.6607, 16.2587



88.7290, 34.6436, -5.0243



93.6190, 4.6248, 9.9811



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



110.7690, 20.8199, 42.2986



131.8980, 32.0953, 65.8645



106.2090, 3.3480, 46.2977



74.1900, 1.8783, 4.2184



57.8050, 36.5781, 74.7160



6.0810, 3.9041, 7.8220

Inverse Universe

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



110.7690, 20.8199, 42.2986



131.8980, 32.0953, 65.8645



130.7910, -3.3480, -46.2977



74.1900, 1.8783, 4.2184



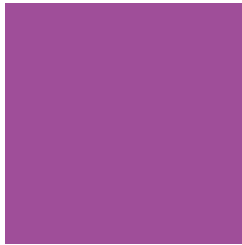
57.8050, 36.5781, 74.7160



6.0810, 3.9041, 7.8220

Previews

White Background



This preview shows how the YUV color 110.7690, 20.8199, 42.2986 looks on a white background.

Color Contrast Check

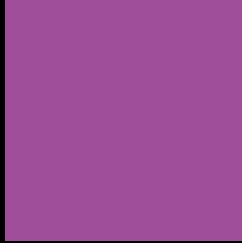
Large Text (above 18pt) WCAG AA ✓ Pass

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 110.7690, 20.8199, 42.2986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

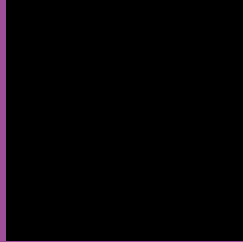
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 110.7690, 20.8199, 42.2986

Background



This preview shows how black text looks on a background with the YUV color 110.7690, 20.8199, 42.2986.



This preview shows how white text looks on a background with the YUV color 110.7690, 20.8199, 42.2986.

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

110.7690, 20.8199, 42.2986

Protanopia

107.2060, 34.4084, -22.9827

Deuteranopia

108.9830, 19.2354, -9.6321



Tritanopia

110.0370, -5.9342, 36.8016

Trichromacy



Original Color

110.7690, 20.8199, 42.2986

Protanomaly

108.0950, 29.5332, 0.7937

Deuteranomaly

109.3320, 20.0493, 9.3558

Tritanomaly

110.2790, 3.8065, 39.2203

Monochromacy



Original Color

110.7690, 20.8199, 42.2986

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

110.7490, 7.5187, 15.1291

CSS Examples

Text

The CSS property to change the color of the text to YUV 110.7690, 20.8199, 42.2986 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(159, 78, 153)` looks like.

```
.text, #text, p{  
    color:rgb(159, 78, 153)  
}
```

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(159, 78, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 78, 153) }
```

Border

The CSS property to change the border of an element to YUV 110.7690, 20.8199, 42.2986 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(159, 78, 153) }
```


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

```
.border{ border-color:rgb(159, 78, 153) }
```

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

Here you see how a box with a 4 pixel rgb(159, 78, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 78, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 78, 153);  
box-shadow:4px 4px 4px 4px rgb(159, 78,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 110.7690, 20.8199, 42.2986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 78, 153) }
```

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

```
.background{ background-color: rgb(159, 78,  
153) }
```

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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