

# Converting Colors

YUV(114.5090, 15.0321,  
32.0026)

Have a look what the booklet for  
YUV(114.5090, 15.0321, 32.0026)  
contains.

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# Color

**YUV(114.5090, 15.0321,  
32.0026)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	975A91
RGB	151, 90, 145
RGB Percent	59%, 35%, 57%
CMY	0.4078, 0.6471, 0.4314
CMYK	0.00, 0.40, 0.04, 0.41
HSL	306°, 25%, 47%
HSV	306°, 40%, 59%
XYZ	21.5295, 15.9360, 28.7293
YIQ	114.5090, 18.7010, 30.0370

# Conversions

## Conversions Part 2

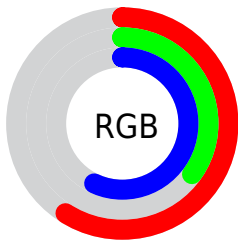
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	151, 90, 145
Decimal	9919121
CIE <sub>Lab</sub>	46.89, 33.71, -19.85
CIE <sub>LCh</sub>	47, 39.120, 329.515
Yxy	15.9360, 0.3252, 0.2407
Android (android.graphics.Color)	4288109201 (0xFF975A91)
YUV	114.5090, 15.0321, 32.0026
Hunter-Lab	39.9199, 26.4084, -14.7255

# Details

The YUV color **114.5090, 15.0321, 32.0026** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **126.4910, -15.0321, -32.0026**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.0470, 15.7528, 34.1618**, and **64.3840, 14.6007, 30.3582** is the 20% darker color. If you saturate the color by 10%, you get **105.5900, 18.9361, 39.8246**, and if you desaturate by 10%, it is **123.4280, 11.1280, 24.1806**.

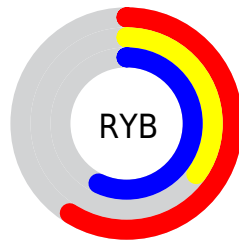
# Distribution



Red (59%)

Green (35%)

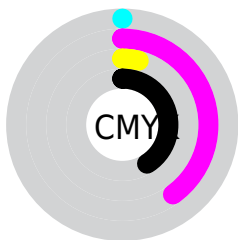
Blue (57%)



Red (59%)

Yellow (35%)

Blue (57%)

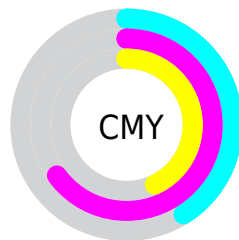


Cyan (0%)

Magenta (40%)

Yellow (4%)

Black (41%)



Cyan (41%)

Magenta (65%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 114.5090, 15.0321, 32.0026 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 114.5090, 15.0321, 32.0026 by changing the saturation by 10% instead.



■ 114.5090, 15.0321,  
32.0026

■ 114.5090, 15.0321,  
32.0026

■ 255.0000, 0.0000,  
0.0000

■ 88.7970, 14.8901,  
30.8730

■ 167.0470, 15.7528,  
34.1618

■ 64.3840, 14.6007,  
30.3582

■ 194.7590, 15.8948,  
35.2914

■ 40.1990, 15.1849,  
29.6435

■ 220.3670, 17.0741,  
30.3731

■ 20.1230, 13.7434,  
25.3251

■ 236.8030, 8.9711,  
15.9588

■ 11.1510, 7.8136,  
13.8996

■ 253.8260, 0.5788,  
1.0296

■ 0.0000, 0.0000,  
0.0000

114.5090, 15.0321,  
32.0026

114.5090, 15.0321,  
32.0026

105.5900, 18.9361,  
39.8246

123.4280, 11.1280,  
24.1806

96.5570, 22.4034,  
47.7465

132.4610, 7.6607,  
16.2587

87.6380, 26.3075,  
55.5685

141.3800, 3.7567,  
8.4367

78.6050, 29.7747,  
63.4904

150.4130, 0.2894,  
0.5148

69.6860, 33.6788,  
71.3124

159.3320, -3.6147,  
-7.3072


60.6530, 37.1461,  
79.2343

168.9520, -7.3713,  
-15.7439

177.8710,  
-11.2754, -23.5659

186.9040,

-14.7427, -31.4878

 195.8230,  
-18.6467, -39.3098

# Harmonies

## Analogous

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



113.1010, 27.0652, -0.9656



114.5090, 15.0321, 32.0026



112.4330, 0.2795, 50.4863

# Triad

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



114.5090, 15.0321, 32.0026



107.7550, -31.9242, 19.5089



90.8510, 25.7095, -79.6763

# Complementary

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



114.5090, 15.0321, 32.0026



126.4910, -15.0321, -32.0026

# 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.



87.6760, 11.0057, -76.8919



114.5090, 15.0321, 32.0026



104.6700, -26.4593, -6.7266

# Square

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



114.5090, 15.0321, 32.0026



109.8530, -27.0425, 40.4709



98.1850, -10.9372, -38.7502



91.2390, 37.3502, -80.0166



# Rectangle

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



114.5090, 15.0321, 32.0026



111.4090, -10.0616, 54.0153



98.1850, -10.9372, -38.7502



90.1840, 20.6153, -79.0914

# Sweetspot

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



114.5090, 15.0321, 32.0026



182.2710, 5.7824, 12.0403



98.4490, 25.9076, -3.0248



91.2550, 3.3253, 6.7924



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000



# Same Dimension

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



114.5090, 15.0321, 32.0026



139.7960, 23.2716, 49.2909



111.0890, 1.9281, 35.0019



72.1900, 1.8783, 4.2184



56.2240, 34.3996, 73.4716



5.1410, 2.8885, 6.8923



# Inverse Universe

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



114.5090, 15.0321, 32.0026



139.7960, 23.2716, 49.2909



129.9110, -1.9281, -35.0019



72.1900, 1.8783, 4.2184



56.2240, 34.3996, 73.4716

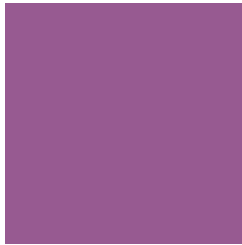


5.1410, 2.8885, 6.8923



# Previews

## White Background



This preview shows how the YUV color 114.5090, 15.0321, 32.0026 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

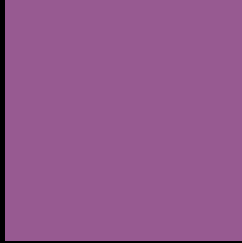
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 114.5090, 15.0321, 32.0026 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

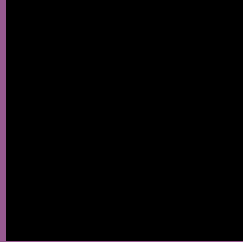
Any Text WCAG AA × Fail

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 114.5090, 15.0321, 32.0026 Background



This preview shows how black text looks on a background with the YUV color 114.5090, 15.0321, 32.0026.



This preview shows how white text looks on a background with the YUV color 114.5090, 15.0321,



# 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

114.5090, 15.0321, 32.0026

### Protanopia

111.5140, 23.9036, -13.6058

### Deuteranopia

112.0500, 14.2724, -4.4288



## Tritanopia

113.2640, -3.5812, 28.7095

# Trichromacy



## Original Color

114.5090, 15.0321, 32.0026

## Protanomaly

112.8150, 20.7972, 2.7932

## Deuteranomaly

112.8390, 14.3764, 8.9112

## Tritanomaly

113.6970, 3.1074, 30.0837

# Monochromacy



## Original Color

114.5090, 15.0321, 32.0026

## Achromatopsia

115.0000, 0.0000, 0.0000

## Achromatomaly

114.8580, 5.4930, 11.5255

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 114.5090, 15.0321, 32.0026 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(151, 90, 145)` looks like.

```
.text, #text, p{  
    color:rgb(151, 90, 145)  
}
```

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(151, 90, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 90, 145) }
```

## Border

The CSS property to change the border of an element to YUV 114.5090, 15.0321, 32.0026 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(151, 90, 145) }
```



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

```
.border{ border-color:rgb(151, 90, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 90, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 90, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 90, 145); box-shadow:4px 4px 4px 4px rgb(151, 90, 145) }
```

# Background

The CSS property to change the background color of an element to YUV 114.5090, 15.0321, 32.0026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 90, 145) }
```

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

```
.background{ background-color: rgb(151, 90,  
145) }
```

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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