

# Converting Colors

YUV(115.3700, 25.9466,  
31.2475)

Have a look what the booklet for  
YUV(115.3700, 25.9466, 31.2475)  
contains.

<b>YUV(115.3700, 25.9466, 31.2475)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(115.3700, 25.9466,  
31.2475)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9757A8
RGB	151, 87, 168
RGB Percent	59%, 34%, 66%
CMY	0.4078, 0.6588, 0.3412
CMYK	0.10, 0.48, 0.00, 0.34
HSL	287°, 32%, 50%
HSV	287°, 48%, 66%
XYZ	23.2386, 16.2229, 38.9523
YIQ	115.3700, 12.1430, 38.7590

# Conversions

## Conversions Part 2

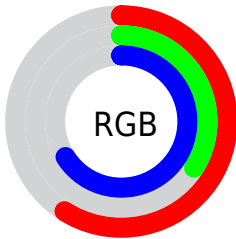
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	151, 87, 168
Decimal	9918376
CIE <sub>Lab</sub>	47.27, 39.96, -32.90
CIE <sub>LCh</sub>	47, 51.757, 320.532
Yxy	16.2229, 0.2964, 0.2069
Android (android.graphics.Color)	4288108456 (0xFF9757A8)
YUV	115.3700, 25.9466, 31.2475
Hunter-Lab	40.2776, 32.5016, -29.1448

# Details

The YUV color **115.3700, 25.9466, 31.2475** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **139.6300, -25.9466, -31.2475**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.0220, 27.1042, 33.3067**, and **64.1310, 25.0784, 29.7031** is the 20% darker color. If you saturate the color by 10%, you get **104.1950, 31.4559, 37.5400**, and if you desaturate by 10%, it is **126.5450, 20.4373, 24.9550**.

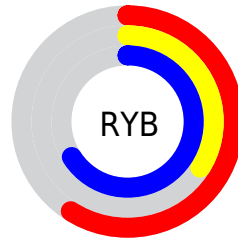
# Distribution



Red (59%)

Green (34%)

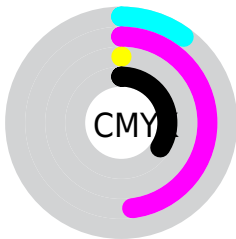
Blue (66%)



Red (59%)

Yellow (34%)

Blue (66%)

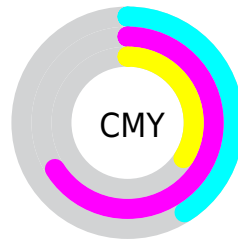


Cyan (10%)

Magenta (48%)

Yellow (0%)

Black (34%)



Cyan (41%)

Magenta (66%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 115.3700, 25.9466, 31.2475 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 115.3700, 25.9466, 31.2475 by changing the saturation by 10% instead.



115.3700, 25.9466,  
31.2475

115.3700, 25.9466,  
31.2475

255.0000, 0.0000,  
0.0000

89.5440, 25.3678,  
30.2179

169.0220, 27.1042,  
33.3067

64.1310, 25.0784,  
29.7031

196.7340, 27.2461,  
34.4363

38.0710, 26.0940,  
30.6327

218.6060, 17.9422,  
31.9175

21.9900, 22.1899,  
22.8108

235.6290, 9.5499,  
16.9884

12.7900, 15.3865,  
11.5852

252.6520, 1.1576,  
2.0592

3.0950, 9.3202,  
-2.7143

0.0000, 0.0000,

0.0000

■ 115.3700, 25.9466,  
31.2475

■ 115.3700, 25.9466,  
31.2475

■ 104.1950, 31.4559,  
37.5400

■ 126.5450, 20.4373,  
24.9550

■ 93.3190, 36.8177,  
44.4472

■ 137.4210, 15.0754,  
18.0478

■ 82.7310, 42.0376,  
50.2249

■ 148.0090, 9.8556,  
12.2701

■ 71.8550, 47.3995,  
57.1322

■ 158.8850, 4.4937,  
5.3629

■ 60.6800, 52.9088,  
63.4246

■ 170.0600, -1.0156,  
-0.9296

■ 58.9190, 53.7769,  
64.9690

■ 180.9360, -6.3774,  
-7.8369

■ 192.1110,  
-11.8867, -14.1293

■ 202.4000,  
-16.9592, -20.5218

■ 213.5750,  
-22.4685, -26.8143

# Harmonies

## Analogous

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



109.7530, 41.5338, -21.7084



115.3700, 25.9466, 31.2475



110.9860, 8.3879, 63.1563

# Triad

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



115.3700, 25.9466, 31.2475



106.8850, -45.7923, 34.3039



94.1450, 23.0995, -82.5652

# Complementary

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



115.3700, 25.9466, 31.2475



139.6300, -25.9466, -31.2475

# 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.



88.4280, 3.7330, -77.5514



115.3700, 25.9466, 31.2475



103.3000, -42.0529, 1.4909

# Square

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



115.3700, 25.9466, 31.2475



108.8230, -31.4647, 58.9142



95.2420, -20.8253, -40.5542



96.7160, 40.5660, -84.8199



# Rectangle

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



115.3700, 25.9466, 31.2475



108.8980, -4.8797, 72.0035



95.2420, -20.8253, -40.5542



92.5490, 16.9843, -81.1655

# Sweetspot

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



115.3700, 25.9466, 31.2475



199.5960, 9.5662, 11.7553



106.8000, 30.1716, -17.3646



97.6510, 6.0881, 7.3221



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.



115.3700, 25.9466, 31.2475



136.6770, 40.5852, 49.3953



117.8310, 13.3943, 43.9982



78.7060, 2.6099, 2.8888



51.8550, 47.3995, 57.1322



7.0640, 6.3774, 7.8369



# Inverse Universe

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



113.1570, -4.5144, 48.0973



133.0510, -6.9271, 75.3773



137.1690, -13.3943, -43.9982



78.6200, -0.3057, 4.7183



47.7860, -8.2755, 87.8877

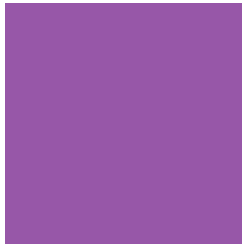


6.4360, -1.2009, 11.8956



# Previews

## White Background



This preview shows how the YUV color 115.3700, 25.9466, 31.2475 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

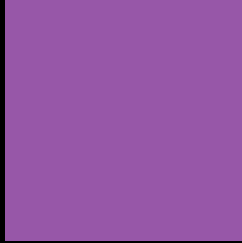
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 115.3700, 25.9466, 31.2475 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

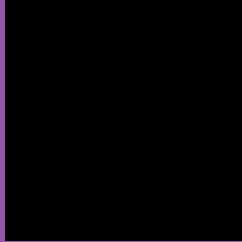
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 115.3700, 25.9466, 31.2475

## Background



This preview shows how black text looks on a background with the YUV color 115.3700, 25.9466, 31.2475.



This preview shows how white text looks on a background with the YUV color 115.3700, 25.9466, 31.2475.



# 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

115.3700, 25.9466, 31.2475

### Protanopia

109.9220, 38.4925, -26.2416

### Deuteranopia

111.8340, 25.2248, -17.3944



## Tritanopia

114.4700, -2.6967, 25.0208

# Trichromacy



**Original Color**

115.3700, 25.9466, 31.2475

**Protanomaly**

112.2020, 33.9174, -5.4392

**Deuteranomaly**

113.0580, 25.6074, -0.0509

**Tritanomaly**

114.8260, 7.4808, 27.3396

# Monochromacy



**Original Color**

115.3700, 25.9466, 31.2475

**Achromatopsia**

115.0000, 0.0000, 0.0000

**Achromatomaly**

115.1830, 9.2768, 11.2405

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 115.3700, 25.9466, 31.2475 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, 87, 168)` looks like.

```
.text, #text, p{  
    color:rgb(151, 87, 168)  
}
```

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, 87, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 87, 168) }
```

## Border

The CSS property to change the border of an element to YUV 115.3700, 25.9466, 31.2475 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, 87, 168) }
```



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

```
.border{ border-color:rgb(151, 87, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 87, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 87, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 87, 168);  
box-shadow:4px 4px 4px 4px rgb(151, 87,  
168) }
```

# Background

The CSS property to change the background color of an element to YUV 115.3700, 25.9466, 31.2475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 87, 168) }
```

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

```
.background{ background-color: rgb(151, 87,  
168) }
```

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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