

# Converting Colors

YUV(101.2300, 34.8896, 9.4453)

Have a look what the booklet for  
YUV(101.2300, 34.8896, 9.4453)  
contains.

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# Color

**YUV(101.2300, 34.8896,  
9.4453)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7052AC
RGB	112, 82, 172
RGB Percent	44%, 32%, 67%
CMY	0.5608, 0.6784, 0.3255
CMYK	0.35, 0.52, 0.00, 0.33
HSL	260°, 35%, 50%
HSV	260°, 52%, 67%
XYZ	17.1458, 12.4579, 40.5307
YIQ	101.2300, -11.0100, 34.3500

# Conversions

## Conversions Part 2

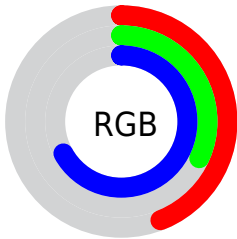
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	112, 82, 172
Decimal	7361196
CIE <sub>Lab</sub>	41.93, 32.80, -43.98
CIE <sub>LCh</sub>	42, 54.865, 306.711
Yxy	12.4579, 0.2445, 0.1776
Android (android.graphics.Color)	4285551276 (0xFF7052AC)
YUV	101.2300, 34.8896, 9.4453
Hunter-Lab	35.2957, 24.9433, -43.3766

# Details

The YUV color  $101.2300, 34.8896, 9.4453$  is a dark color, and the websafe version is hex  $6666CC$ . A complement of this color would be  $152.7700, -34.8896, -9.4453$ , and the grayscale version is  $101.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $153.4090, 36.7734, 11.9193$ , and  $52.3390, 32.8639, 5.8417$  is the 20% darker color. If you saturate the color by 10%, you get  $87.9620, 41.4307, 11.4343$ , and if you desaturate by 10%, it is  $114.4980, 28.3485, 7.4563$ .

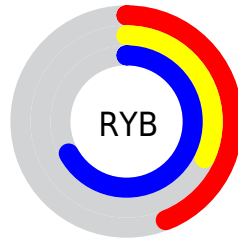
# Distribution



Red (44%)

Green (32%)

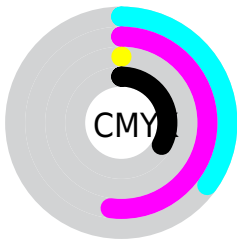
Blue (67%)



Red (44%)

Yellow (32%)

Blue (67%)

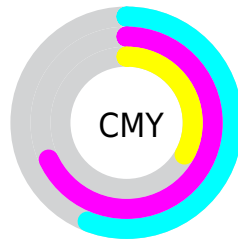


Cyan (35%)

Magenta (52%)

Yellow (0%)

Black (33%)



Cyan (56%)

Magenta (68%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 101.2300, 34.8896, 9.4453 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 101.2300, 34.8896, 9.4453 by changing the saturation by 10% instead.



101.2300, 34.8896,  
9.4453

101.2300, 34.8896,  
9.4453

255.0000, 0.0000,  
0.0000

75.9910, 34.0214,  
7.9009

153.4090, 36.7734,  
11.9193

52.3390, 32.8639,  
5.8417

180.7080, 36.6260,  
12.5341

27.6160, 32.7273,  
2.9678

204.9290, 24.6850,  
15.8483

9.1760, 29.9862,  
-4.5394

230.3350, 12.1598,  
19.8772

7.5920, 18.9351,  
-6.6582

247.3690, 3.7621,  
6.6924

3.4370, 10.6306,  
-3.0142

0.0000, 0.0000,

0.0000

■ 101.2300, 34.8896,  
9.4453

■ 101.2300, 34.8896,  
9.4453

■ 87.9620, 41.4307,  
11.4343

■ 114.4980, 28.3485,  
7.4563

■ 74.3950, 48.1193,  
12.8086

■ 128.0650, 21.6600,  
6.0820

■ 60.5400, 54.9498,  
15.3124

■ 141.9200, 14.8294,  
3.5782

■ 46.9730, 61.6383,  
16.6867

■ 155.4870, 8.1409,  
2.2039

■ 36.6510, 66.7271,  
17.8461

■ 168.7550, 1.5998,  
0.2149

■ 182.3220, -5.0887,  
-1.1594

■ 195.5900,  
-11.6299, -3.1484

■ 209.7440,  
-18.6078, -5.0375

■ 223.0120,  
-25.1489, -7.0265

# Harmonies

## Analogous

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



80.8330, 53.3263, -70.8905



101.2300, 34.8896, 9.4453



98.5640, 18.4559, 53.8794

# Triad

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



101.2300, 34.8896, 9.4453



92.9020, -44.8147, 47.4439



82.1650, 12.7367, -72.0587

# Complementary

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



101.2300, 34.8896, 9.4453



152.7700, -34.8896, -9.4453

# 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.



75.6330, -7.2141, -66.3301



101.2300, 34.8896, 9.4453



91.5900, -45.1539, 16.1456

# Square

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



101.2300, 34.8896, 9.4453



93.1800, -22.7667, 69.1251



85.1770, -35.5833, -20.3262



86.5940, 32.2452, -75.9429



# Rectangle

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



101.2300, 34.8896, 9.4453



93.7590, 6.0348, 71.2484



85.1770, -35.5833, -20.3262



80.3410, 5.7479, -70.4591

# Sweetspot

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



101.2300, 34.8896, 9.4453



195.6920, 13.9558, 3.7781



127.4800, 21.9484, -39.8860



95.4870, 8.1409, 2.2039



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000



# Same Dimension

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



101.2300, 34.8896, 9.4453



113.1270, 54.6604, 14.7976



114.6850, 28.2563, 37.1103



79.9230, 3.4890, 0.9445



32.0500, 58.1493, 15.7422



5.0140, 8.8671, 2.6187



# Inverse Universe

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



115.7500, 12.9413, 49.3312



135.8750, 20.2746, 77.2856



139.3150, -28.2563, -37.1103



81.3750, 1.2941, 4.9331



56.2500, 21.5688, 82.2188



8.5870, 3.1616, 12.6402



# Previews

## White Background



This preview shows how the YUV color 101.2300, 34.8896, 9.4453 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 101.2300, 34.8896, 9.4453 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

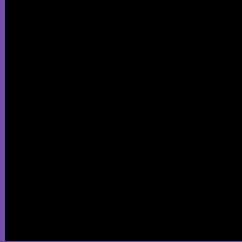
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 101.2300, 34.8896, 9.4453

## Background



This preview shows how black text looks on a background with the YUV color 101.2300, 34.8896, 9.4453.



This preview shows how white text looks on a background with the YUV color 101.2300, 34.8896, 9.4453.



# 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

101.2300, 34.8896, 9.4453

### Protanopia

92.8050, 45.9451, -36.6630

### Deuteranopia

92.5030, 37.2200, -38.1521



## Tritanopia

98.9120, 3.4944, -0.7998

# Trichromacy



## Original Color

101.2300, 34.8896, 9.4453

## Protanomaly

95.8780, 41.9651, -20.0640

## Deuteranomaly

95.3850, 36.2922, -20.5086

## Tritanomaly

99.6210, 14.9768, 2.9634

# Monochromacy



## Original Color

101.2300, 34.8896, 9.4453

## Achromatopsia

101.0000, 0.0000, 0.0000

## Achromatomaly

101.0510, 12.7929, 3.4633

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 101.2300, 34.8896, 9.4453 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(112, 82, 172)` looks like.

```
.text, #text, p{  
    color:rgb(112, 82, 172)  
}
```

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(112, 82, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 82, 172) }
```

## Border

The CSS property to change the border of an element to YUV 101.2300, 34.8896, 9.4453 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(112, 82, 172) }
```



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

```
.border{ border-color:rgb(112, 82, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 82, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 82, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 82, 172);  
box-shadow:4px 4px 4px 4px rgb(112, 82,  
172) }
```

# Background

The CSS property to change the background color of an element to YUV 101.2300, 34.8896, 9.4453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 82, 172) }
```

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

```
.background{ background-color: rgb(112, 82,  
172) }
```

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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