

Converting Colors

YUV(100.2300, 34.8896, 9.4453)

Have a look what the booklet for
YUV(100.2300, 34.8896, 9.4453)
contains.

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Color

**YUV(100.2300, 34.8896,
9.4453)**

Conversions

Conversions Part 1

Format	Color
Hex	6F51AB
RGB	111, 81, 171
RGB Percent	44%, 32%, 67%
CMY	0.5647, 0.6824, 0.3294
CMYK	0.35, 0.53, 0.00, 0.33
HSL	260°, 36%, 49%
HSV	260°, 53%, 67%
XYZ	16.8487, 12.2046, 39.9958
YIQ	100.2300, -11.0100, 34.3500

Conversions

Conversions Part 2

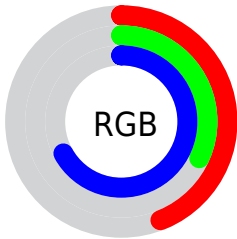
Format	Color
R_{YB}	111, 81, 171
Decimal	7295403
CIE _{Lab}	41.54, 32.86, -44.03
CIE _{LCh}	42, 54.939, 306.735
Yxy	12.2046, 0.2440, 0.1768
Android (android.graphics.Color)	4285485483 (0xFF6F51AB)
YUV	100.2300, 34.8896, 9.4453
Hunter-Lab	34.9351, 24.9512, -43.4240

Details

The YUV color **100.2300, 34.8896, 9.4453** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **151.7700, -34.8896, -9.4453**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.4090, 36.7734, 11.9193**, and **51.3390, 32.8639, 5.8417** is the 20% darker color. If you saturate the color by 10%, you get **86.9620, 41.4307, 11.4343**, and if you desaturate by 10%, it is **113.4980, 28.3485, 7.4563**.

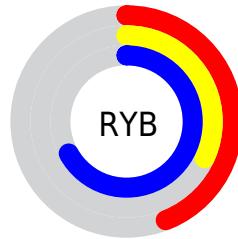
Distribution



Red (44%)

Green (32%)

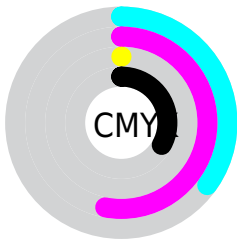
Blue (67%)



Red (44%)

Yellow (32%)

Blue (67%)

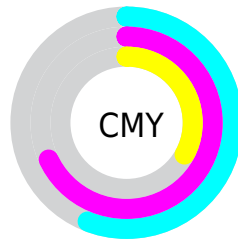


Cyan (35%)

Magenta (53%)

Yellow (0%)

Black (33%)



Cyan (56%)

Magenta (68%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.2300, 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 100.2300, 34.8896, 9.4453 by changing the saturation by 10% instead.

■ 100.2300, 34.8896,
9.4453

■ 100.2300, 34.8896,
9.4453

■ 255.0000, 0.0000,
0.0000

■ 74.9910, 34.0214,
7.9009

■ 152.4090, 36.7734,
11.9193

■ 51.3390, 32.8639,
5.8417

■ 179.8220, 37.0628,
12.4341

■ 26.6160, 32.7273,
2.9678

■ 204.0430, 25.1218,
15.7483

■ 8.7630, 29.6968,
-5.0542

■ 228.8620, 12.8860,
20.2920

■ 6.8910, 18.7877,
-6.0434

■ 246.7820, 4.0515,
7.2072

■ 3.3230, 10.1938,
-2.9143

■ 0.0000, 0.0000,

0.0000

■ 100.2300, 34.8896,
9.4453

■ 100.2300, 34.8896,
9.4453

■ 86.9620, 41.4307,
11.4343

■ 113.4980, 28.3485,
7.4563

■ 73.3950, 48.1193,
12.8086

■ 127.0650, 21.6600,
6.0820

■ 60.1270, 54.6604,
14.7976

■ 140.3330, 15.1188,
4.0930

■ 46.5600, 61.3489,
16.1719

■ 153.9000, 8.4303,
2.7187

■ 36.5370, 66.2903,
17.9461

■ 167.1680, 1.8892,
0.7297

■ 181.0230, -4.9413,
-1.7742

■ 194.5900,
-11.6299, -3.1484

■ 207.8580,
-18.1710, -5.1375

■ 221.4250,
-24.8595, -6.5117

Harmonies

Analogous

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



80.1320, 53.1789, -70.2758



100.2300, 34.8896, 9.4453



96.9770, 18.7453, 54.3942

Triad

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



100.2300, 34.8896, 9.4453



91.7880, -45.2515, 47.5439



81.4640, 12.5892, -71.4439

Complementary

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



100.2300, 34.8896, 9.4453



151.7700, -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.



74.9320, -7.3615, -65.7154



100.2300, 34.8896, 9.4453



90.7040, -44.7171, 16.0456

Square

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



100.2300, 34.8896, 9.4453



92.1800, -22.7667, 69.1251



84.0630, -36.0201, -20.2263



85.8930, 32.0978, -75.3282

Rectangle

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



100.2300, 34.8896, 9.4453



92.7590, 6.0348, 71.2484



84.0630, -36.0201, -20.2263



79.6400, 5.6005, -69.8443

Sweetspot

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



100.2300, 34.8896, 9.4453



193.6920, 13.9558, 3.7781



126.4800, 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.



100.2300, 34.8896, 9.4453



112.0130, 54.2236, 14.8976



113.6850, 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.



114.7500, 12.9413, 49.3313



134.4620, 19.9852, 76.7708



138.3150, -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 100.2300, 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 100.2300, 34.8896, 9.4453 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

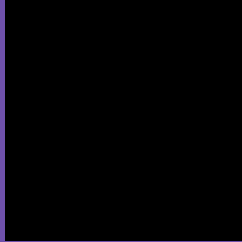
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 100.2300, 34.8896, 9.4453

Background



This preview shows how black text looks on a background with the YUV color 100.2300, 34.8896, 9.4453.



This preview shows how white text looks on a background with the YUV color 100.2300, 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

100.2300, 34.8896, 9.4453

Protanopia

91.5060, 46.0925, -37.2778

Deuteranopia

91.5030, 37.2200, -38.1521



Tritanopia

97.9120, 3.4944, -0.7998

Trichromacy



Original Color

100.2300, 34.8896, 9.4453

Protanomaly

94.8780, 41.9651, -20.0640

Deuteranomaly

94.3850, 36.2922, -20.5086

Tritanomaly

98.6210, 14.9768, 2.9634

Monochromacy



Original Color

100.2300, 34.8896, 9.4453

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

100.0510, 12.7929, 3.4633

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.2300, 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(111, 81, 171)` looks like.

```
.text, #text, p{  
    color:rgb(111, 81, 171)  
}
```

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(111, 81, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 81, 171) }
```

Border

The CSS property to change the border of an element to YUV 100.2300, 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(111, 81, 171) }
```


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

```
.border{ border-color:rgb(111, 81, 171) }
```

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

Here you see how a box with a 4 pixel rgb(111, 81, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 81, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 81, 171);  
box-shadow:4px 4px 4px 4px rgb(111, 81,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 100.2300, 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(111, 81, 171) }
```

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

```
.background{ background-color: rgb(111, 81,  
171) }
```

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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