

Converting Colors

YUV(76.2300, 34.8896, 9.4453)

Have a look what the booklet for
YUV(76.2300, 34.8896, 9.4453)
contains.

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Color

**YUV(76.2300, 34.8896,
9.4453)**

Conversions

Conversions Part 1

Format	Color
Hex	573993
RGB	87, 57, 147
RGB Percent	34%, 22%, 58%
CMY	0.6588, 0.7765, 0.4235
CMYK	0.41, 0.61, 0.00, 0.42
HSL	260°, 44%, 40%
HSV	260°, 61%, 58%
XYZ	10.6601, 7.0591, 28.4045
YIQ	76.2300, -11.0100, 34.3500

Conversions

Conversions Part 2

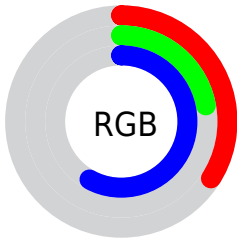
Format	Color
R_{YB}	87, 57, 147
Decimal	5716371
CIE _{Lab}	31.94, 34.48, -45.14
CIE _{LCh}	32, 56.801, 307.380
Yxy	7.0591, 0.2311, 0.1530
Android (android.graphics.Color)	4283906451 (0xFF573993)
YUV	76.2300, 34.8896, 9.4453
Hunter-Lab	26.5689, 25.1227, -44.7878

Details

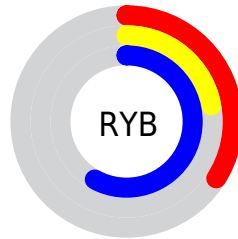
The YUV color **76.2300, 34.8896, 9.4453** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **127.7700, -34.8896, -9.4453**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.8220, 37.0628, 12.4341**, and **27.1540, 33.4481, 5.1269** is the 20% darker color. If you saturate the color by 10%, you get **64.4350, 40.7045, 11.0195**, and if you desaturate by 10%, it is **88.0250, 29.0747, 7.8711**.

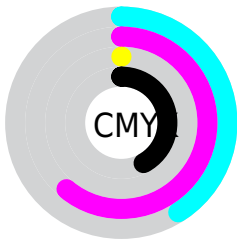
Distribution



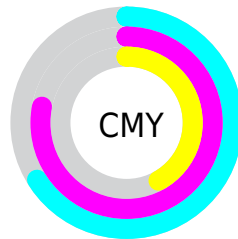
- Red (34%)
- Green (22%)
- Blue (58%)



- Red (34%)
- Yellow (22%)
- Blue (58%)



- Cyan (41%)
- Magenta (61%)
- Yellow (0%)
- Black (42%)



- Cyan (66%)
- Magenta (78%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.2300, 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 76.2300, 34.8896, 9.4453 by changing the saturation by 10% instead.

76.2300, 34.8896,
9.4453

76.2300, 34.8896,
9.4453

255.0000, 0.0000,
0.0000

51.6920, 34.1688,
7.2861

126.8220, 37.0628,
12.4341

27.1540, 33.4481,
5.1269

153.3490, 37.7889,
12.8489

9.2900, 30.4230,
-4.6393

180.1320, 36.9099,
14.7932

7.8200, 19.8087,
-6.8581

204.9400, 24.6796,
17.5926

3.5510, 11.0674,
-3.1142

229.7590, 12.4438,
22.1364

0.0000, 0.0000,
0.0000

246.7820, 4.0515,

7.2072

■ 76.2300, 34.8896,
9.4453

■ 76.2300, 34.8896,
9.4453

■ 64.4350, 40.7045,
11.0195

■ 88.0250, 29.0747,
7.8711

■ 53.2270, 46.2301,
12.0789

■ 99.2330, 23.5491,
6.8117

■ 41.7310, 51.8976,
14.2679

■ 110.7290, 17.8816,
4.6227

■ 31.4090, 56.9864,
15.4273

■ 122.5240, 12.0667,
3.0485

■ 134.3190, 6.2517,
1.4742

■ 145.5270, 0.7262,
0.4148

■ 157.3220, -5.0887,
-1.1594

■ 168.8180,
-10.7563, -3.3484

■ 180.0260,
-16.2818, -4.4078

Harmonies

Analogous

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



64.5960, 49.4992, -56.6507



76.2300, 34.8896, 9.4453



68.7540, 20.3343, 58.0977

Triad

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



76.2300, 34.8896, 9.4453



70.8010, -34.9049, 42.2705



64.8680, 9.9251, -56.8892

Complementary

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



76.2300, 34.8896, 9.4453



127.7700, -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.



58.3360, -10.0256, -51.1607



76.2300, 34.8896, 9.4453



70.0160, -34.5179, 11.3870

Square

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



76.2300, 34.8896, 9.4453



65.0490, -20.7302, 69.2400



60.3380, -29.7466, -25.7294



69.2970, 29.4336, -60.7735

Rectangle

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



76.2300, 34.8896, 9.4453



56.1330, 12.2594, 81.4444



60.3380, -29.7466, -25.7294



62.5710, 3.6625, -54.8748

Sweetspot

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



76.2300, 34.8896, 9.4453



164.1650, 13.2297, 3.3633



102.4800, 21.9484, -39.8860



80.4870, 8.1409, 2.2039



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



76.2300, 34.8896, 9.4453



81.6000, 53.9342, 14.3828



89.6850, 28.2563, 37.1103



68.3960, 2.7628, 0.5297



29.4860, 53.4974, 14.4828



2.0370, 3.9258, 0.8446

Inverse Universe

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



90.7500, 12.9413, 49.3312



104.1630, 20.1326, 76.1560



114.3150, -28.2563, -37.1103



69.5490, 0.7153, 3.9035



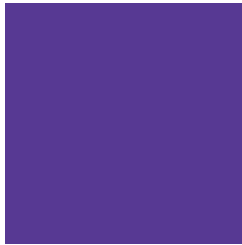
51.7500, 19.8433, 75.6412



3.7880, 1.5835, 5.4479

Previews

White Background



This preview shows how the YUV color 76.2300, 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 ✓ Pass

Black Background



This preview shows how the YUV color 76.2300, 34.8896, 9.4453 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

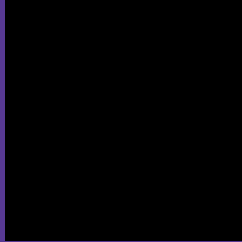
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.2300, 34.8896, 9.4453

Background



This preview shows how black text looks on a background with the YUV color 76.2300, 34.8896, 9.4453.



This preview shows how white text looks on a background with the YUV color 76.2300, 34.8896,

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

76.2300, 34.8896, 9.4453

Protanopia

60.4070, 46.1413, -52.9769

Deuteranopia

60.5890, 36.6846, -53.1366



Tritanopia

75.4880, 3.2104, -3.0590

Trichromacy



Original Color

76.2300, 34.8896, 9.4453

Protanomaly

66.1110, 41.8503, -29.9153

Deuteranomaly

66.5040, 35.7405, -30.2600

Tritanomaly

75.6100, 14.9823, 1.2190

Monochromacy



Original Color

76.2300, 34.8896, 9.4453

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

76.0510, 12.7929, 3.4633

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.2300, 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(87, 57, 147)` looks like.

```
.text, #text, p{  
    color:rgb(87, 57, 147)  
}
```

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(87, 57, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 57, 147) }
```

Border

The CSS property to change the border of an element to YUV 76.2300, 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(87, 57, 147) }
```


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

```
.border{ border-color:rgb(87, 57, 147) }
```

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

Here you see how a box with a 4 pixel rgb(87, 57, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 57, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 57, 147);  
box-shadow:4px 4px 4px 4px rgb(87, 57,  
147) }
```

Background

The CSS property to change the background color of an element to YUV 76.2300, 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(87, 57, 147) }
```

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

```
.background{ background-color: rgb(87, 57,  
147) }
```

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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