

Converting Colors

YUV(91.0900, 61.0876, 53.4181)

Have a look what the booklet for
YUV(91.0900, 61.0876, 53.4181)
contains.

YUV(91.0900, 61.0876, 53.4181)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**YUV(91.0900, 61.0876,
53.4181)**

Conversions

Conversions Part 1

Format	Color
Hex	9824D7
RGB	152, 36, 215
RGB Percent	60%, 14%, 84%
CMY	0.4039, 0.8588, 0.1569
CMYK	0.29, 0.83, 0.00, 0.16
HSL	279°, 71%, 49%
HSV	279°, 83%, 84%
XYZ	25.8455, 12.8434, 65.4068
YIQ	91.0900, 11.6770, 80.2610

Conversions

Conversions Part 2

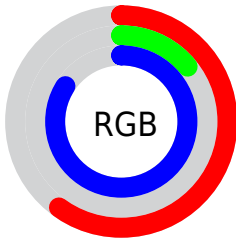
Format	Color
R_{YB}	152, 36, 215
Decimal	9970903
CIE _{Lab}	42.53, 71.66, -67.85
CIE _{LCh}	43, 98.683, 316.567
Yxy	12.8434, 0.2483, 0.1234
Android (android.graphics.Color)	4288160983 (0xFF9824D7)
YUV	91.0900, 61.0876, 53.4181
Hunter-Lab	35.8378, 66.0147, -83.1226

Details

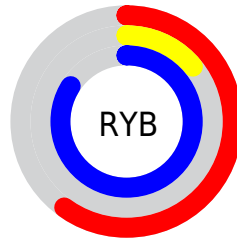
The YUV color **91.0900, 61.0876, 53.4181** is a dark color, and the websafe version is hex **9900CC**. The color can be described as middle washed purple. A complement of this color would be **159.9100, -61.0876, -53.4181**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.6850, 51.9203, 53.7733**, and **45.9330, 55.7420, 41.2778** is the 20% darker color. If you saturate the color by 10%, you get **75.7840, 68.6335, 59.8254**, and if you desaturate by 10%, it is **106.3960, 53.5418, 47.0107**.

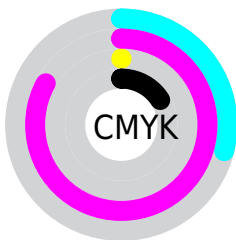
Distribution



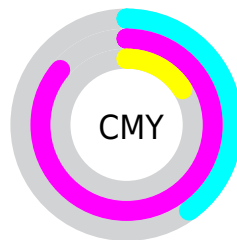
- Red (60%)
- Green (14%)
- Blue (84%)



- Red (60%)
- Yellow (14%)
- Blue (84%)



- Cyan (29%)
- Magenta (83%)
- Yellow (0%)
- Black (16%)



- Cyan (40%)
- Magenta (86%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 91.0900, 61.0876, 53.4181 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 91.0900, 61.0876, 53.4181 by changing the saturation by 10% instead.

91.0900, 61.0876,
53.4181

91.0900, 61.0876,
53.4181

255.0000, 0.0000,
0.0000

58.0950, 63.5502,
56.9217

149.6850, 51.9203,
53.7733

45.9330, 55.7420,
41.2778

175.0910, 39.3951,
57.8022

33.8850, 48.3707,
25.5339

195.7130, 29.2285,
51.9947

21.3530, 41.7310,
8.4604

212.7360, 20.8362,
37.0655

9.2340, 35.3806,
-8.0982

229.7590, 12.4438,
22.1364

9.3190, 23.0137,
-8.1728

247.3690, 3.7621,

5.0500, 14.2723,

6.6924

-4.4289

■ 0.9120, 3.4944,
-0.7998

■ 0.0000, 0.0000,
0.0000

■ 91.0900, 61.0876,
53.4181

■ 91.0900, 61.0876,
53.4181

■ 75.7840, 68.6335,
59.8254

■ 106.3960, 53.5418,
47.0107

■ 66.0710, 73.4220,
63.9587

■ 120.8160, 46.4327,
40.5034

■ 136.1220, 38.8869,
34.0960

■ 150.5420, 31.7778,
27.5887

■ 165.8480, 24.2319,
21.1813

■ 180.2680, 17.1229,
14.6740

■ 195.5740, 9.5770,
8.2666

■ 210.2930, 2.3206,
2.3740

■ 225.3000, -5.0779,
-4.6481

Harmonies

Analogous

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



86.0090, 83.3126, -75.4299



91.0900, 61.0876, 53.4181



81.8540, 29.1590, 121.1540

Triad

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



91.0900, 61.0876, 53.4181



94.1690, -46.4253, 50.7178



92.8400, 25.7149, -81.4207

Complementary

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



91.0900, 61.0876, 53.4181



159.9100, -61.0876, -53.4181

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.



81.8620, -11.2710, -71.7930



91.0900, 61.0876, 53.4181



89.0770, -43.9150, -7.9605

Square

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



91.0900, 61.0876, 53.4181



61.2950, -30.2184, 126.0293



72.2010, -35.5951, -63.3203



101.3900, 58.4747, -88.9190

Rectangle

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



91.0900, 61.0876, 53.4181



79.5850, 3.6556, 134.5450



72.2010, -35.5951, -63.3203



89.6480, 13.4845, -78.6213

Sweetspot

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



91.0900, 61.0876, 53.4181



210.8540, 21.7640, 19.4220



95.1480, 59.0870, -51.8728



100.9210, 13.3499, 11.4703



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



91.0900, 61.0876, 53.4181



78.4050, 87.0613, 75.9438



107.1910, 41.3178, 94.5485



99.3470, 3.7729, 3.2037



52.6830, 58.3303, 51.1440



13.2740, 14.6549, 12.9147

Inverse Universe

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



96.7030, 1.1324, 103.7465



86.5050, 1.7230, 147.7701



143.8090, -41.3178, -94.5485



99.7450, 0.1257, 6.3626



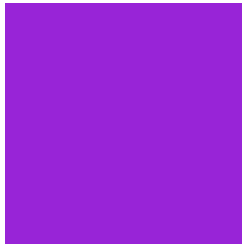
57.9690, 1.0013, 99.1282



14.5670, 0.2135, 24.9357

Previews

White Background



This preview shows how the YUV color 91.0900, 61.0876, 53.4181 looks on a white background.

Color Contrast Check

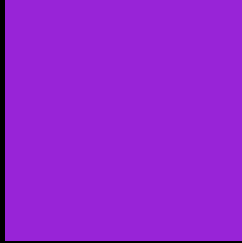
Large Text (above 18pt) WCAG AA ✓ Pass

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 91.0900, 61.0876, 53.4181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

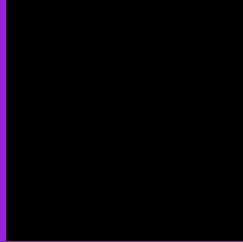
Any Text WCAG AA × Fail

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 91.0900, 61.0876, 53.4181 Background



This preview shows how black text looks on a background with the YUV color 91.0900, 61.0876, 53.4181.



This preview shows how white text looks on a background with the YUV color 91.0900, 61.0876,

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

91.0900, 61.0876, 53.4181

Protanopia

81.0100, 61.6201, -71.0458

Tritanopia

102.6550, -3.2809, 25.7356

Trichromacy



Original Color

91.0900, 61.0876, 53.4181

Protanomaly

84.2960, 61.4791, -25.6926

Tritanomaly

98.4970, 19.9680, 35.5211

Monochromacy



Original Color

91.0900, 61.0876, 53.4181

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

90.9680, 22.2008, 19.3221

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.0900, 61.0876, 53.4181 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(152, 36, 215)` looks like.

```
.text, #text, p{  
    color:rgb(152, 36, 215)  
}
```

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(152, 36, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 36, 215) }
```

Border

The CSS property to change the border of an element to YUV 91.0900, 61.0876, 53.4181 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(152, 36, 215) }
```

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

```
.border{ border-color:rgb(152, 36, 215) }
```

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

Here you see how a box with a 4 pixel rgb(152, 36, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 36, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 36, 215);  
box-shadow:4px 4px 4px 4px rgb(152, 36,  
215) }
```


Background

The CSS property to change the background color of an element to YUV 91.0900, 61.0876, 53.4181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 36, 215) }
```

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

```
.background{ background-color: rgb(152, 36,  
215) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor