

Converting Colors

YUV(94.9110, 52.3019, 24.6341)

Have a look what the booklet for
YUV(94.9110, 52.3019, 24.6341)
contains.

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Color

**YUV(94.9110, 52.3019,
24.6341)**

Conversions

Conversions Part 1

Format	Color
Hex	7B3CC9
RGB	123, 60, 201
RGB Percent	48%, 24%, 79%
CMY	0.5176, 0.7647, 0.2118
CMYK	0.39, 0.70, 0.00, 0.21
HSL	267°, 57%, 51%
HSV	267°, 70%, 79%
XYZ	20.3269, 11.6597, 56.4375
YIQ	94.9110, -7.7130, 57.2070

Conversions

Conversions Part 2

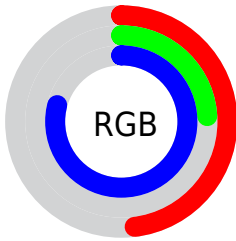
Format	Color
R_{YB}	123, 60, 201
Decimal	8076489
CIE _{Lab}	40.67, 54.74, -62.95
CIE _{LCh}	41, 83.421, 311.009
Yxy	11.6597, 0.2299, 0.1319
Android (android.graphics.Color)	4286266569 (0xFF7B3CC9)
YUV	94.9110, 52.3019, 24.6341
Hunter-Lab	34.1463, 46.5026, -74.0929

Details

The YUV color **94.9110, 52.3019, 24.6341** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **166.0890, -52.3019, -24.6341**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.9330, 52.2910, 28.1228**, and **36.0790, 54.1911, 25.3637** is the 20% darker color. If you saturate the color by 10%, you get **79.8820, 59.7112, 28.1675**, and if you desaturate by 10%, it is **109.9400, 44.8926, 21.1006**.

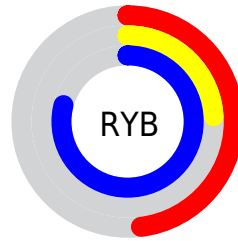
Distribution



Red (48%)

Green (24%)

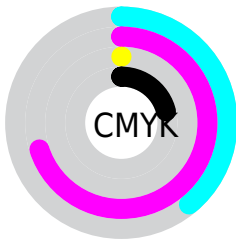
Blue (79%)



Red (48%)

Yellow (24%)

Blue (79%)

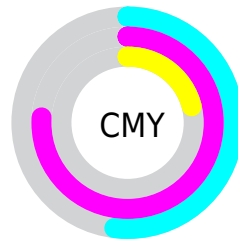


Cyan (39%)

Magenta (70%)

Yellow (0%)

Black (21%)



Cyan (52%)

Magenta (76%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.9110, 52.3019, 24.6341 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 94.9110, 52.3019, 24.6341 by changing the saturation by 10% instead.

94.9110, 52.3019,
24.6341

94.9110, 52.3019,
24.6341

255.0000, 0.0000,
0.0000

67.1990, 52.1599,
23.5045

148.9330, 52.2910,
28.1228

36.0790, 54.1911,
25.3637

173.4530, 40.2027,
32.0517

22.8350, 47.4093,
7.1607

198.2720, 27.9669,
36.5955

10.7160, 41.0590,
-9.3979

219.1930, 17.6529,
31.4027

7.8660, 30.1391,
-6.8985

236.2160, 9.2605,
16.4736

7.0050, 19.2245,
-6.1434

253.2390, 0.8682,

3.3230, 10.1938,

1.5444

-2.9143

■ 0.0000, 0.0000,
0.0000

■ 94.9110, 52.3019,
24.6341

■ 94.9110, 52.3019,
24.6341

■ 79.8820, 59.7112,
28.1675

■ 109.9400, 44.8926,
21.1006

■ 64.8530, 67.1205,
31.7009

■ 124.9690, 37.4833,
17.5672

■ 49.8240, 74.5298,
35.2344

■ 139.9980, 30.0740,
14.0338

■ 155.0270, 22.6647,
10.5003

■ 170.9420, 14.8186,
7.0669

■ 185.9710, 7.4093,
3.5334

■ 201.0000, 0.0000,
0.0000

■ 216.0290, -7.4093,
-3.5334

■ 231.0580,
-14.8186, -7.0669

Harmonies

Analogous

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



84.0880, 73.4136, -73.7452



94.9110, 52.3019, 24.6341



73.2970, 33.8706, 103.2255

Triad

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



94.9110, 52.3019, 24.6341



90.0600, -44.3996, 54.3214



85.2940, 17.1101, -74.8028

Complementary

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



94.9110, 52.3019, 24.6341



166.0890, -52.3019, -24.6341

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.



75.7980, -14.1974, -66.4748



94.9110, 52.3019, 24.6341



87.6920, -43.2322, 6.4091

Square

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



94.9110, 52.3019, 24.6341



67.3870, -33.2218, 109.2856



66.9180, -32.9906, -58.6871



92.8180, 45.9387, -81.4014

Rectangle

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



94.9110, 52.3019, 24.6341



72.9510, 11.8562, 117.5610



66.9180, -32.9906, -58.6871



82.6720, 7.0637, -72.5033

Sweetspot

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



94.9110, 52.3019, 24.6341



214.3320, 20.0493, 9.3558



123.0340, 38.4372, -55.2808



103.8340, 11.9138, 5.4076



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.



94.9110, 52.3019, 24.6341



94.1000, 79.3237, 37.6233



115.5420, 42.1308, 67.0537



92.2220, 3.3416, 1.5593



40.4090, 60.4374, 28.5823



8.8880, 13.3662, 6.2372

Inverse Universe

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



111.0510, 13.2859, 78.8853



118.4380, 19.9971, 119.7649



145.4580, -42.1308, -67.0537



93.2610, 0.8573, 5.0331



58.9970, 15.2845, 91.2106



13.0440, 3.4293, 20.1324

Previews

White Background



This preview shows how the YUV color 94.9110, 52.3019, 24.6341 looks on a white background.

Color Contrast Check

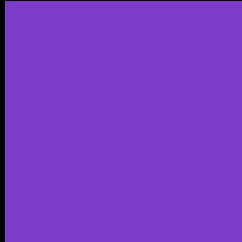
Large Text (above 18pt) WCAG AA ✓ Pass

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 94.9110, 52.3019, 24.6341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

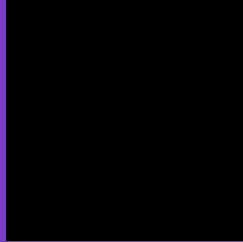
Any Text WCAG AA × Fail

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 94.9110, 52.3019, 24.6341 Background



This preview shows how black text looks on a background with the YUV color 94.9110, 52.3019, 24.6341.



This preview shows how white text looks on a background with the YUV color 94.9110, 52.3019,

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

94.9110, 52.3019, 24.6341

Protanopia

76.9350, 58.6990, -67.4720

Deuteranopia

76.9060, 45.8953, -67.4466



Tritanopia

96.6030, 2.1677, 4.7332

Trichromacy



Original Color

94.9110, 52.3019, 24.6341



Protanomaly

83.5740, 56.4120, -33.8294



Deuteranomaly

83.3970, 48.1183, -33.6742



Tritanomaly

96.0550, 20.1859, 12.2298

Monochromacy



Original Color

94.9110, 52.3019, 24.6341



Achromatopsia

95.0000, 0.0000, 0.0000



Achromatomaly

94.8050, 19.3231, 8.9410

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.9110, 52.3019, 24.6341 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(123, 60, 201)` looks like.

```
.text, #text, p{  
    color:rgb(123, 60, 201)  
}
```

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(123, 60, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 60, 201) }
```

Border

The CSS property to change the border of an element to YUV 94.9110, 52.3019, 24.6341 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(123, 60, 201) }
```


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

```
.border{ border-color:rgb(123, 60, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 60, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 60, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 60, 201);  
box-shadow:4px 4px 4px 4px rgb(123, 60,  
201) }
```

Background

The CSS property to change the background color of an element to YUV 94.9110, 52.3019, 24.6341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 60, 201) }
```

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

```
.background{ background-color: rgb(123, 60,  
201) }
```

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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