

Converting Colors

YUV(94.4170, 31.3464, 25.9443)

Have a look what the booklet for
YUV(94.4170, 31.3464, 25.9443)
contains.

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Color

**YUV(94.4170, 31.3464,
25.9443)**

Conversions

Conversions Part 1

Format	Color
Hex	7C439E
RGB	124, 67, 158
RGB Percent	49%, 26%, 62%
CMY	0.5137, 0.7373, 0.3804
CMYK	0.22, 0.58, 0.00, 0.38
HSL	278°, 40%, 44%
HSV	278°, 58%, 62%
XYZ	16.4909, 10.7680, 33.5570
YIQ	94.4170, 4.7610, 40.3850

Conversions

Conversions Part 2

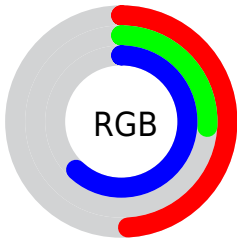
Format	Color
R_{YB}	124, 67, 158
Decimal	8143774
CIE _{Lab}	39.19, 41.00, -39.94
CIE _{LCh}	39, 57.239, 315.745
Yxy	10.7680, 0.2712, 0.1771
Android (android.graphics.Color)	4286333854 (0xFF7C439E)
YUV	94.4170, 31.3464, 25.9443
Hunter-Lab	32.8147, 32.2789, -37.6611

Details

The YUV color **94.4170, 31.3464, 25.9443** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **130.5830, -31.3464, -25.9443**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.0690, 32.5040, 28.0035**, and **43.5910, 30.7676, 24.9147** is the 20% darker color. If you saturate the color by 10%, you get **83.2310, 36.8611, 30.4924**, and if you desaturate by 10%, it is **105.6030, 25.8317, 21.3962**.

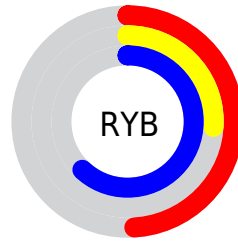
Distribution



Red (49%)

Green (26%)

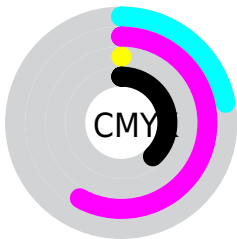
Blue (62%)



Red (49%)

Yellow (26%)

Blue (62%)

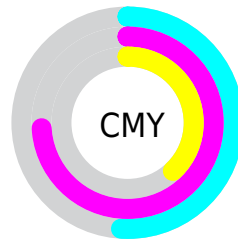


Cyan (22%)

Magenta (58%)

Yellow (0%)

Black (38%)



Cyan (51%)

Magenta (74%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.4170, 31.3464, 25.9443 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 94.4170, 31.3464, 25.9443 by changing the saturation by 10% instead.

■ 94.4170, 31.3464,
25.9443

■ 94.4170, 31.3464,
25.9443

■ 255.0000, 0.0000,
0.0000

■ 69.0040, 31.0570,
25.4295

■ 147.0690, 32.5040,
28.0035

■ 43.5910, 30.7676,
24.9147

■ 174.0090, 33.5196,
28.9331

■ 22.9880, 28.5999,
20.1815

■ 200.0110, 27.1096,
31.5624

■ 14.3860, 21.5017,
10.1855

■ 222.1280, 16.2059,
28.8287

■ 5.1640, 14.7091,
-4.5288

■ 238.5640, 8.1029,
14.4144

■ 1.1400, 4.3680,
-0.9998

■ 0.0000, 0.0000,

0.0000

■ 94.4170, 31.3464,
25.9443

■ 94.4170, 31.3464,
25.9443

■ 83.2310, 36.8611,
30.4924

■ 105.6030, 25.8317,
21.3962

■ 72.0450, 42.3758,
35.0405

■ 116.7890, 20.3170,
16.8480

■ 61.4460, 47.6011,
39.0739

■ 127.3880, 15.0917,
12.8147

■ 50.2600, 53.1158,
43.6220

■ 138.5740, 9.5770,
8.2666

■ 47.6130, 54.4208,
45.0664

■ 149.7600, 4.0623,
3.7185

■ 160.6470, -1.3050,
-1.4444

■ 171.8330, -6.8197,
-5.9925

■ 182.4320,
-12.0450, -10.0259

■ 193.6180,
-17.5597, -14.5740

Harmonies

Analogous

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



78.4760, 51.5303, -54.7915



94.4170, 31.3464, 25.9443



86.7290, 14.9236, 66.8897

Triad

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



94.4170, 31.3464, 25.9443



87.0040, -42.8930, 37.7075



79.5550, 17.9674, -69.7697

Complementary

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



94.4170, 31.3464, 25.9443



130.5830, -31.3464, -25.9443

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.



72.9090, -2.4201, -63.9412



94.4170, 31.3464, 25.9443



84.1370, -41.4795, 4.2649

Square

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



94.4170, 31.3464, 25.9443



85.9100, -30.0286, 64.9769



72.8200, -27.5193, -40.1841



83.2830, 37.3285, -73.0392

Rectangle

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



94.4170, 31.3464, 25.9443



82.5490, 1.2083, 79.3255



72.8200, -27.5193, -40.1841



77.7310, 10.9786, -68.1701

Sweetspot

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



94.4170, 31.3464, 25.9443



181.6820, 12.4818, 9.9259



97.9190, 29.6199, -27.1160



90.2810, 7.2565, 5.8926



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



94.4170, 31.3464, 25.9443



106.9130, 49.3429, 40.4183



103.3290, 21.5298, 47.9465



73.4070, 2.7573, 2.2741



42.9130, 49.3429, 40.4183



4.7000, 5.0779, 4.6481

Inverse Universe

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



98.0850, 1.4371, 52.5455



112.7990, 2.0711, 82.6143



121.6710, -21.5298, -47.9465



73.7340, 0.1311, 4.6183



48.7990, 2.0711, 82.6143



5.1690, 0.4097, 8.6218

Previews

White Background



This preview shows how the YUV color 94.4170, 31.3464, 25.9443 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 94.4170, 31.3464, 25.9443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

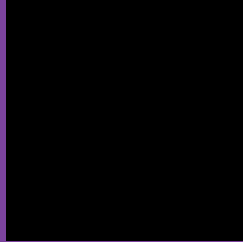
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 94.4170, 31.3464, 25.9443

Background



This preview shows how black text looks on a background with the YUV color 94.4170, 31.3464, 25.9443.



This preview shows how white text looks on a background with the YUV color 94.4170, 31.3464,

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

94.4170, 31.3464, 25.9443

Protanopia

84.8260, 47.4138, -41.0664

Deuteranopia

88.1790, 31.9568, -29.9750



Tritanopia

94.0560, -1.5066, 16.6139

Trichromacy



Original Color

94.4170, 31.3464, 25.9443

Protanomaly

88.4870, 41.6649, -17.0901

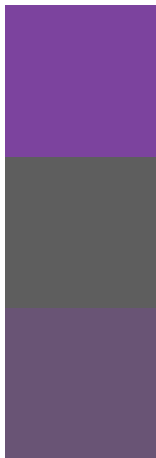
Deuteranomaly

90.5990, 31.7497, -10.1723

Tritanomaly

93.8790, 10.4127, 20.2771

Monochromacy



Original Color

94.4170, 31.3464, 25.9443

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

94.0410, 11.3188, 9.6110

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.4170, 31.3464, 25.9443 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(124, 67, 158)` looks like.

```
.text, #text, p{  
    color:rgb(124, 67, 158)  
}
```

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(124, 67, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 67, 158) }
```

Border

The CSS property to change the border of an element to YUV 94.4170, 31.3464, 25.9443 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(124, 67, 158) }
```


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

```
.border{ border-color:rgb(124, 67, 158) }
```

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

Here you see how a box with a 4 pixel rgb(124, 67, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 67, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 67, 158);  
box-shadow:4px 4px 4px 4px rgb(124, 67,  
158) }
```

Background

The CSS property to change the background color of an element to YUV 94.4170, 31.3464, 25.9443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 67, 158) }
```

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

```
.background{ background-color: rgb(124, 67,  
158) }
```

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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