

Converting Colors

YUV(96.9310, 25.1770, 44.7875)

Have a look what the booklet for
YUV(96.9310, 25.1770, 44.7875)
contains.

YUV(96.9310, 25.1770, 44.7875)	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>	31

Color

**YUV(96.9310, 25.1770,
44.7875)**

Conversions

Conversions Part 1

Format	Color
Hex	943D94
RGB	148, 61, 148
RGB Percent	58%, 24%, 58%
CMY	0.4196, 0.7608, 0.4196
CMYK	0.00, 0.59, 0.00, 0.42
HSL	300°, 42%, 41%
HSV	300°, 59%, 58%
XYZ	19.2268, 11.7715, 29.2757
YIQ	96.9310, 23.9250, 45.5010

Conversions

Conversions Part 2

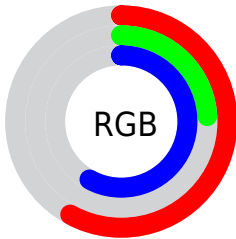
Format	Color
R _Y B	148, 61, 148
Decimal	9715092
CIE Lab	40.85, 48.47, -31.07
CIE LCh	41, 57.569, 327.339
Yxy	11.7715, 0.3190, 0.1953
Android (android.graphics.Color)	4287905172 (0xFF943D94)
YUV	96.9310, 25.1770, 44.7875
Hunter-Lab	34.3096, 39.9878, -26.5743

Details

The YUV color **96.9310, 25.1770, 44.7875** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **112.0690, -25.1770, -44.7875**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.9420, 25.1716, 46.5319**, and **39.1640, 28.5131, 48.0912** is the 20% darker color. If you saturate the color by 10%, you get **88.1260, 29.5179, 52.5095**, and if you desaturate by 10%, it is **105.7360, 20.8362, 37.0655**.

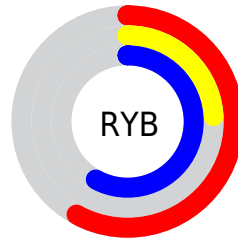
Distribution



Red (58%)

Green (24%)

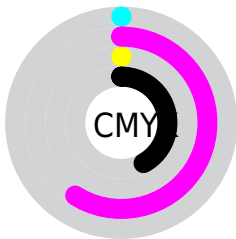
Blue (58%)



Red (58%)

Yellow (24%)

Blue (58%)

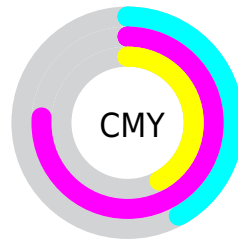


Cyan (0%)

Magenta (59%)

Yellow (0%)

Black (42%)



Cyan (42%)

Magenta (76%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.9310, 25.1770, 44.7875 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 96.9310, 25.1770, 44.7875 by changing the saturation by 10% instead.

96.9310, 25.1770,
44.7875

96.9310, 25.1770,
44.7875

255.0000, 0.0000,
0.0000

70.0450, 25.6138,
44.6875

150.9420, 25.1716,
46.5319

39.1640, 28.5131,
48.0912

178.1810, 26.0398,
48.0763

28.6540, 21.8626,
34.5064

203.9310, 25.1770,
44.7875

19.4540, 15.0592,
23.2808

220.3670, 17.0741,
30.3731

4.9860, 11.3459,
0.8893

236.8030, 8.9711,
15.9588

0.0000, 0.0000,
0.0000

254.4130, 0.2894,

0.5148

■ 96.9310, 25.1770,
44.7875

■ 96.9310, 25.1770,
44.7875

■ 88.1260, 29.5179,
52.5095

■ 105.7360, 20.8362,
37.0655

■ 79.3210, 33.8587,
60.2315

■ 114.5410, 16.4953,
29.3435

■ 71.1030, 37.9102,
67.4387

■ 122.7590, 12.4438,
22.1364

■ 62.2980, 42.2511,
75.1607

■ 131.5640, 8.1029,
14.4144

■ 61.1240, 42.8299,
76.1903

■ 140.3690, 3.7621,
6.6924

■ 149.1740, -0.5788,
-1.0296

■ 157.9790, -4.9196,
-8.7516

■ 166.1970, -8.9711,
-15.9588

■ 175.0020,
-13.3120, -23.6808

Harmonies

Analogous

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



95.9330, 41.9380, -11.3422



96.9310, 25.1770, 44.7875



88.4330, 7.1815, 76.7963

Triad

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



96.9310, 25.1770, 44.7875



90.4710, -44.6022, 25.8969



84.5250, 26.8562, -74.1284

Complementary

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



96.9310, 25.1770, 44.7875



112.0690, -25.1770, -44.7875

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.



79.0530, 5.8899, -69.3295



96.9310, 25.1770, 44.7875



84.6470, -41.7310, -8.4604

Square

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



96.9310, 25.1770, 44.7875



90.1080, -40.4792, 56.9103



71.0050, -14.7925, -62.2714



86.3950, 44.1753, -75.7684

Rectangle

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



96.9310, 25.1770, 44.7875



87.4430, -8.1064, 80.2955



71.0050, -14.7925, -62.2714



82.7010, 19.8674, -72.5288

Sweetspot

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



96.9310, 25.1770, 44.7875



171.0420, 9.8393, 17.5032



70.9180, 38.0014, -8.6981



84.6730, 6.0772, 10.8108



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.



96.9310, 25.1770, 44.7875



111.1680, 39.3572, 70.0127



92.0290, 6.3947, 49.0866



69.8910, 2.0257, 3.6036



56.9940, 39.9360, 71.0423



4.1300, 2.8939, 5.1480

Inverse Universe

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



96.9310, 25.1770, 44.7875



111.1680, 39.3572, 70.0127



117.0850, -5.9579, -49.1865



69.8910, 2.0257, 3.6036



56.9940, 39.9360, 71.0423



4.1300, 2.8939, 5.1480

Previews

White Background



This preview shows how the YUV color 96.9310, 25.1770, 44.7875 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 96.9310, 25.1770, 44.7875 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

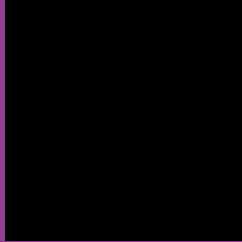
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.9310, 25.1770, 44.7875

Background



This preview shows how black text looks on a background with the YUV color 96.9310, 25.1770, 44.7875.



This preview shows how white text looks on a background with the YUV color 96.9310, 25.1770,

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

96.9310, 25.1770, 44.7875

Protanopia

91.9150, 42.4399, -32.3745

Deuteranopia

95.8620, 22.7460, -15.6650



Tritanopia

97.8090, -6.8078, 37.0015

Trichromacy



Original Color

96.9310, 25.1770, 44.7875

Protanomaly

93.7830, 36.0960, -4.1947

Deuteranomaly

95.9340, 23.6965, 6.1969

Tritanomaly

97.2190, 4.8220, 40.1499

Monochromacy



Original Color

96.9310, 25.1770, 44.7875

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

97.2160, 9.2605, 16.4736

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.9310, 25.1770, 44.7875 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(148, 61, 148)` looks like.

```
.text, #text, p{  
    color:rgb(148, 61, 148)  
}
```

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(148, 61, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 61, 148) }
```

Border

The CSS property to change the border of an element to YUV 96.9310, 25.1770, 44.7875 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(148, 61, 148) }
```


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

```
.border{ border-color:rgb(148, 61, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 61, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 61, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 61, 148);  
box-shadow:4px 4px 4px 4px rgb(148, 61,  
148) }
```

Background

The CSS property to change the background color of an element to YUV 96.9310, 25.1770, 44.7875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 61, 148) }
```

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

```
.background{ background-color: rgb(148, 61,  
148) }
```

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