

Converting Colors

YUV(94.6470, 12.4990, 51.1756)

Have a look what the booklet for
YUV(94.6470, 12.4990, 51.1756)
contains.

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Color

**YUV(94.6470, 12.4990,
51.1756)**

Conversions

Conversions Part 1

Format	Color
Hex	993C78
RGB	153, 60, 120
RGB Percent	60%, 24%, 47%
CMY	0.4000, 0.7647, 0.5294
CMYK	0.00, 0.61, 0.22, 0.40
HSL	321°, 44%, 42%
HSV	321°, 61%, 60%
XYZ	18.1429, 11.3601, 19.0058
YIQ	94.6470, 36.1680, 38.3760

Conversions

Conversions Part 2

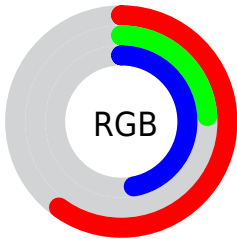
Format	Color
R_{YB}	153, 60, 120
Decimal	10042488
CIE _{Lab}	40.18, 45.73, -14.91
CIE _{LCh}	40, 48.102, 341.942
Yxy	11.3601, 0.3740, 0.2342
Android (android.graphics.Color)	4288232568 (0xFF993C78)
YUV	94.6470, 12.4990, 51.1756
Hunter-Lab	33.7047, 37.1014, -9.8398

Details

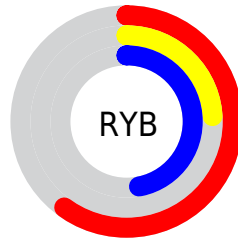
The YUV color **94.6470, 12.4990, 51.1756** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **118.3530, -12.4990, -51.1756**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.1420, 11.7620, 54.2495**, and **37.6950, 16.4194, 53.7645** is the 20% darker color. If you saturate the color by 10%, you get **85.2720, 14.6559, 59.3975**, and if you desaturate by 10%, it is **104.0220, 10.3422, 42.9537**.

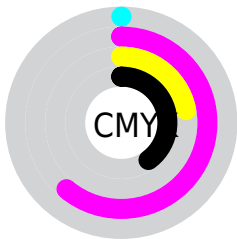
Distribution



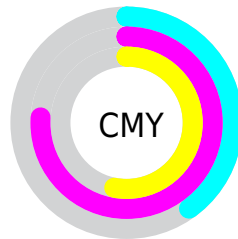
- Red (60%)
- Green (24%)
- Blue (47%)



- Red (60%)
- Yellow (24%)
- Blue (47%)



- Cyan (0%)
- Magenta (61%)
- Yellow (22%)
- Black (40%)




- Cyan (40%)
- Magenta (76%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the YUV color 94.6470, 12.4990, 51.1756 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 94.6470, 12.4990, 51.1756 by changing the saturation by 10% instead.


 94.6470, 12.4990,
51.1756

 94.6470, 12.4990,
51.1756


255.0000, 0.0000,
0.0000


 67.8750, 13.3726,
50.9756

 148.1420, 11.7620,
54.2495


 37.6950, 16.4194,
53.7645


 175.8540, 11.9040,
55.3790

 27.4130, 10.6424,
39.9798

 200.2660, 13.6729,
48.0017

 18.1420, 4.8600,
27.9395

 219.1930, 17.6529,
31.4027

 2.6910, -1.3267,
5.5330

 236.2160, 9.2605,
16.4736

 0.0000, 0.0000,
0.0000

 253.2390, 0.8682,

1.5444

■ 94.6470, 12.4990,
51.1756

■ 94.6470, 12.4990,
51.1756

■ 85.2720, 14.6559,
59.3975

■ 104.0220, 10.3422,
42.9537

■ 75.1960, 16.6654,
68.2341

■ 114.0980, 8.3327,
34.1171

■ 65.8210, 18.8222,
76.4560

■ 123.4730, 6.1758,
25.8952

■ 57.0330, 20.6897,
84.1631

■ 132.9620, 4.4557,
17.5733

■ 142.9240, 2.0095,
8.8367

■ 152.4130, 0.2894,
0.5148

■ 161.7880, -1.8675,
-7.7071

■ 171.1630, -4.0244,
-15.9290

■ 181.2390, -6.0338,
-24.7656

Harmonies

Analogous

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



97.4390, 27.8846, 16.2780



94.6470, 12.4990, 51.1756



90.8540, -4.8580, 65.0260

Triad

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



94.6470, 12.4990, 51.1756



87.1270, -42.9536, 10.4126



81.8010, 31.6501, -71.7395

Complementary

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



94.6470, 12.4990, 51.1756



118.3530, -12.4990, -51.1756

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.



78.8710, 15.3466, -69.1699



94.6470, 12.4990, 51.1756



82.7880, -25.5315, -24.3701

Square

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



94.6470, 12.4990, 51.1756



90.3290, -39.1092, 37.4225



73.0230, -1.9833, -64.0412



81.4880, 43.1434, -71.4650

Rectangle

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



94.6470, 12.4990, 51.1756



91.1020, -17.7983, 62.1775



73.0230, -1.9833, -64.0412



81.1340, 26.5559, -71.1545

Sweetspot

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



94.6470, 12.4990, 51.1756



176.3860, 4.7397, 19.8325



80.4690, 35.7578, 10.9897



85.8750, 3.0196, 11.5106



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



94.6470, 12.4990, 51.1756



107.9570, 19.2482, 79.8447



89.4030, -7.5937, 55.7746



71.9620, 1.0047, 4.4183



52.1200, 18.6748, 77.0708



4.7990, 1.5781, 7.1923

Inverse Universe

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



94.6470, 12.4990, 51.1756



107.9570, 19.2482, 79.8447



123.5970, 7.5937, -55.7746



71.9620, 1.0047, 4.4183



52.1200, 18.6748, 77.0708



4.7990, 1.5781, 7.1923

Previews

White Background



This preview shows how the YUV color 94.6470, 12.4990, 51.1756 looks on a white background.

Color Contrast Check

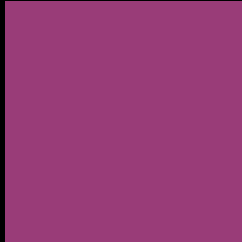
Large Text (above 18pt) WCAG AA ✓ Pass

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 94.6470, 12.4990, 51.1756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

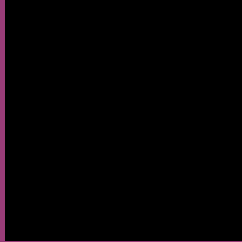
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 94.6470, 12.4990, 51.1756

Background



This preview shows how black text looks on a background with the YUV color 94.6470, 12.4990, 51.1756.



This preview shows how white text looks on a background with the YUV color 94.6470, 12.4990,

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

94.6470, 12.4990, 51.1756

Protanopia

94.7310, 24.7826, -15.5501

Deuteranopia

96.1060, 9.3147, -0.9700



Tritanopia

94.8920, -9.3138, 47.4527

Trichromacy



Original Color

94.6470, 12.4990, 51.1756

Protanomaly

95.0330, 20.1967, 8.7411

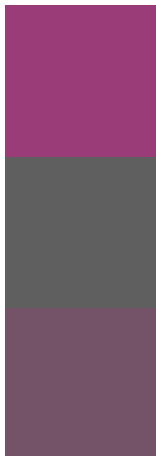
Deuteranomaly

95.5690, 10.5655, 17.9180

Tritanomaly

94.6670, -1.3148, 48.5270

Monochromacy



Original Color

94.6470, 12.4990, 51.1756

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

94.6740, 4.5977, 18.7029

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.6470, 12.4990, 51.1756 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(153, 60, 120)` looks like.

```
.text, #text, p{  
    color:rgb(153, 60, 120)  
}
```

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(153, 60, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 60, 120) }
```

Border

The CSS property to change the border of an element to YUV 94.6470, 12.4990, 51.1756 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(153, 60, 120) }
```


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

```
.border{ border-color:rgb(153, 60, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 60, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 60, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 60, 120);  
box-shadow:4px 4px 4px 4px rgb(153, 60,  
120) }
```

Background

The CSS property to change the background color of an element to YUV 94.6470, 12.4990, 51.1756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 60, 120) }
```

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

```
.background{ background-color: rgb(153, 60,  
120) }
```

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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