

Converting Colors

YUV(94.9570, 12.3462, 53.5347)

Have a look what the booklet for
YUV(94.9570, 12.3462, 53.5347)
contains.

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Color

**YUV(94.9570, 12.3462,
53.5347)**

Conversions

Conversions Part 1

Format	Color
Hex	9C3B78
RGB	156, 59, 120
RGB Percent	61%, 23%, 47%
CMY	0.3882, 0.7686, 0.5294
CMYK	0.00, 0.62, 0.23, 0.39
HSL	322°, 45%, 42%
HSV	322°, 62%, 61%
XYZ	18.6644, 11.5519, 19.0153
YIQ	94.9570, 38.2310, 39.5350

Conversions

Conversions Part 2

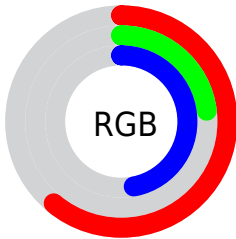
Format	Color
R_{YB}	156, 59, 120
Decimal	10238840
CIE _{Lab}	40.49, 47.11, -14.39
CIE _{LCh}	40, 49.258, 343.018
Yxy	11.5519, 0.3791, 0.2346
Android (android.graphics.Color)	4288428920 (0xFF9C3B78)
YUV	94.9570, 12.3462, 53.5347
Hunter-Lab	33.9881, 38.5434, -9.3793

Details

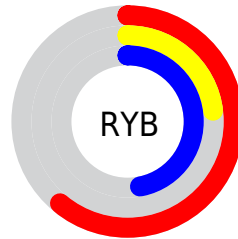
The YUV color **94.9570, 12.3462, 53.5347** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **120.0430, -12.3462, -53.5347**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.0390, 11.3198, 56.0938**, and **38.2930, 16.1246, 54.9940** is the 20% darker color. If you saturate the color by 10%, you get **84.8810, 14.3557, 62.3714**, and if you desaturate by 10%, it is **105.0330, 10.3367, 44.6981**.

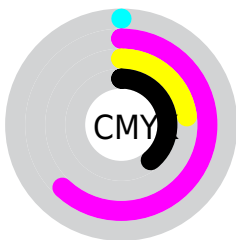
Distribution



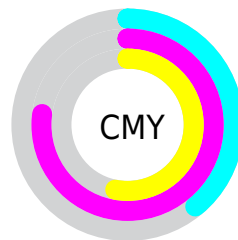
- Red (61%)
- Green (23%)
- Blue (47%)



- Red (61%)
- Yellow (23%)
- Blue (47%)



- Cyan (0%)
- Magenta (62%)
- Yellow (23%)
- Black (39%)





- Cyan (39%)
- Magenta (77%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the YUV color 94.9570, 12.3462, 53.5347 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 94.9570, 12.3462, 53.5347 by changing the saturation by 10% instead.


 94.9570, 12.3462,
53.5347


 94.9570, 12.3462,
53.5347


255.0000, 0.0000,
0.0000


 67.2990, 13.6566,
53.2348

 149.0390, 11.3198,
56.0938


 38.2930, 16.1246,
54.9940


 176.7510, 11.4618,
57.2234


 28.0110, 10.3476,
41.2094

 199.6790, 13.9623,
48.5165

 18.7400, 4.5652,
29.1690

 219.1930, 17.6529,
31.4027

 4.4850, -2.2111,
9.2217

 236.2160, 9.2605,
16.4736

 0.0000, 0.0000,
0.0000

 253.2390, 0.8682,

1.5444

■ 94.9570, 12.3462,
53.5347

■ 94.9570, 12.3462,
53.5347

■ 84.8810, 14.3557,
62.3714

■ 105.0330, 10.3367,
44.6981

■ 75.3920, 16.0757,
70.6932

■ 114.5220, 8.6167,
36.3762

■ 65.4300, 18.5220,
79.4299

■ 124.4840, 6.1704,
27.6395

■ 57.8160, 19.8107,
86.1074

■ 133.9730, 4.4503,
19.3177

■ 144.0490, 2.4408,
10.4810

■ 154.1250, 0.4314,
1.6444

■ 163.6140, -1.2887,
-6.6775

■ 173.5760, -3.7350,
-15.4142

■ 183.0650, -5.4550,
-23.7360

Harmonies

Analogous

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



98.4500, 27.8791, 18.0223



94.9570, 12.3462, 53.5347



91.6370, -5.7370, 66.9704

Triad

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



94.9570, 12.3462, 53.5347



87.7140, -43.2430, 9.8978



82.8440, 33.1079, -72.6542

Complementary

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



94.9570, 12.3462, 53.5347



120.0430, -12.3462, -53.5347

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.



79.6860, 15.9308, -69.8846



94.9570, 12.3462, 53.5347



82.4780, -25.3787, -26.7292

Square

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



94.9570, 12.3462, 53.5347



90.4600, -41.1458, 37.3076



74.3110, -2.1253, -65.1707



81.9440, 44.8906, -71.8649

Rectangle

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



94.9570, 12.3462, 53.5347



91.2870, -18.3825, 62.8923



74.3110, -2.1253, -65.1707



82.0630, 27.5769, -71.9693

Sweetspot

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



94.9570, 12.3462, 53.5347



179.5110, 5.1711, 21.4769



80.8220, 37.0628, 12.4341



87.4730, 2.7248, 12.7402



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



94.9570, 12.3462, 53.5347



107.6910, 19.3793, 84.4630



89.4850, -8.6201, 58.3337



73.9620, 1.0047, 4.4183



53.0170, 18.2326, 78.9151



5.6250, 2.1569, 8.2219

Inverse Universe

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



94.9570, 12.3462, 53.5347



107.6910, 19.3793, 84.4630



125.5150, 8.6201, -58.3337



73.9620, 1.0047, 4.4183



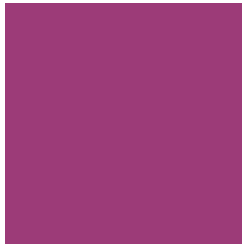
53.0170, 18.2326, 78.9151



5.6250, 2.1569, 8.2219

Previews

White Background



This preview shows how the YUV color 94.9570, 12.3462, 53.5347 looks on a white background.

Color Contrast Check

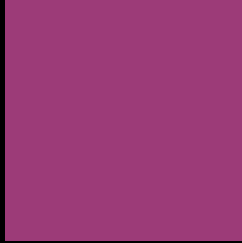
Large Text (above 18pt) WCAG AA ✓ Pass

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 94.9570, 12.3462, 53.5347 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

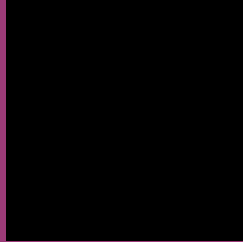
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 94.9570, 12.3462, 53.5347

Background



This preview shows how black text looks on a background with the YUV color 94.9570, 12.3462, 53.5347.



This preview shows how white text looks on a background with the YUV color 94.9570, 12.3462,

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

94.9570, 12.3462, 53.5347

Protanopia

95.8450, 25.2194, -15.6501

Deuteranopia

97.2910, 8.7305, -0.2552



Tritanopia

95.0880, -9.9034, 49.9118

Trichromacy



Original Color

94.9570, 12.3462, 53.5347

Protanomaly

95.4460, 20.4861, 9.2559

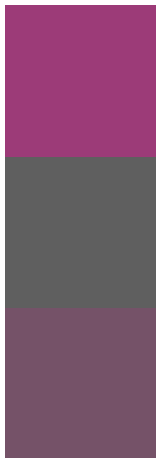
Deuteranomaly

96.1670, 10.2707, 19.1475

Tritanomaly

94.8630, -1.9045, 50.9861

Monochromacy



Original Color

94.9570, 12.3462, 53.5347

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

94.9730, 4.4503, 19.3177

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.9570, 12.3462, 53.5347 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(156, 59, 120)` looks like.

```
.text, #text, p{  
    color:rgb(156, 59, 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(156, 59, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 59, 120) }
```

Border

The CSS property to change the border of an element to YUV 94.9570, 12.3462, 53.5347 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(156, 59, 120) }
```


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

```
.border{ border-color:rgb(156, 59, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 59, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 59, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 59, 120);  
box-shadow:4px 4px 4px 4px rgb(156, 59,  
120) }
```

Background

The CSS property to change the background color of an element to YUV 94.9570, 12.3462, 53.5347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 59, 120) }
```

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

```
.background{ background-color: rgb(156, 59,  
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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