

Converting Colors

YUV(93.3390, 6.2419, 51.4457)

Have a look what the booklet for
YUV(93.3390, 6.2419, 51.4457)
contains.

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Color

**YUV(93.3390, 6.2419,
51.4457)**

Conversions

Conversions Part 1

Format	Color
Hex	983D6A
RGB	152, 61, 106
RGB Percent	60%, 24%, 42%
CMY	0.4039, 0.7608, 0.5843
CMYK	0.00, 0.60, 0.30, 0.40
HSL	330°, 43%, 42%
HSV	330°, 60%, 60%
XYZ	17.2192, 11.0535, 14.8617
YIQ	93.3390, 39.7910, 33.2870

Conversions

Conversions Part 2

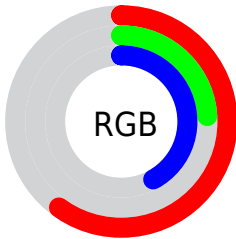
Format	Color
R_{YB}	152, 61, 106
Decimal	9977194
CIE _{Lab}	39.67, 42.96, -6.99
CIE _{LCh}	40, 43.525, 350.756
Yxy	11.0535, 0.3992, 0.2563
Android (android.graphics.Color)	4288167274 (0xFF983D6A)
YUV	93.3390, 6.2419, 51.4457
Hunter-Lab	33.2468, 34.2667, -3.2305

Details

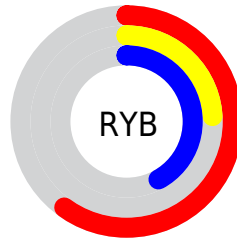
The YUV color **93.3390, 6.2419, 51.4457** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **119.6610, -6.2419, -51.4457**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.7200, 5.0680, 54.6196**, and **36.6150, 11.0358, 53.8346** is the 20% darker color. If you saturate the color by 10%, you get **83.6220, 7.0884, 59.9675**, and if you desaturate by 10%, it is **103.0560, 5.3954, 42.9239**.

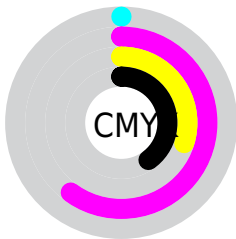
Distribution



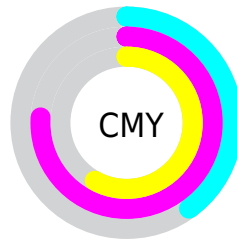
- Red (60%)
- Green (24%)
- Blue (42%)



- Red (60%)
- Yellow (24%)
- Blue (42%)



- Cyan (0%)
- Magenta (60%)
- Yellow (30%)
- Black (40%)



- Cyan (40%)
- Magenta (76%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the YUV color 93.3390, 6.2419, 51.4457 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 93.3390, 6.2419, 51.4457 by changing the saturation by 10% instead.


 93.3390, 6.2419,
51.4457


 93.3390, 6.2419,
51.4457

255.0000, 0.0000,
0.0000


 66.9690, 7.4103,
50.0162


 146.7200, 5.0680,
54.6196


 36.6150, 11.0358,
53.8346

 174.3180, 4.7732,
55.8491


 25.4470, 5.6956,
39.9500

 198.4420, 6.6841,
49.6014

 16.4750, -0.2342,
28.5244

 218.0700, 10.8115,
32.3876

 0.0000, 0.0000,
0.0000

 236.2160, 9.2605,
16.4736

 253.2390, 0.8682,

1.5444

■ 93.3390, 6.2419,
51.4457

■ 93.3390, 6.2419,
51.4457

■ 83.6220, 7.0884,
59.9675

■ 103.0560, 5.3954,
42.9239

■ 74.0190, 8.3716,
68.3893

■ 112.6590, 4.1121,
34.5021

■ 63.7150, 9.5075,
77.4259

■ 122.9630, 2.9762,
25.4654

■ 53.9980, 10.3540,
85.9478

■ 132.6800, 2.1298,
16.9436

■ 142.2830, 0.8465,
8.5218

■ 152.0000, 0.0000,
0.0000

■ 161.7170, -0.8465,
-8.5218

■ 171.9070, -2.4192,
-17.4584

■ 181.6240, -3.2656,
-25.9802

Harmonies

Analogous

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



96.3710, 21.0161, 25.9846



93.3390, 6.2419, 51.4457



91.3170, -10.5093, 57.6040

Triad

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



93.3390, 6.2419, 51.4457



86.5910, -33.3224, 1.2357



80.2680, 33.3919, -70.3950

Complementary

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



93.3390, 6.2419, 51.4457



119.6610, -6.2419, -51.4457

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.



78.0220, 19.7092, -68.4253



93.3390, 6.2419, 51.4457



80.3230, -16.9212, -32.7323

Square

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



93.3390, 6.2419, 51.4457



89.6590, -36.3139, 27.4861



73.8040, 3.5476, -64.7261



77.8690, 41.9696, -68.2911

Rectangle

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



93.3390, 6.2419, 51.4457



91.2380, -20.8233, 52.4113



73.8040, 3.5476, -64.7261



79.8290, 29.1713, -70.0100

Sweetspot

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



93.3390, 6.2419, 51.4457



173.4030, 2.2663, 19.8176



85.1280, 32.9679, 19.1817



85.4190, 1.2724, 11.9105



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.



93.3390, 6.2419, 51.4457



105.1390, 9.7915, 79.6851



88.2090, -13.4140, 55.9447



71.8480, 0.5679, 4.5183



49.7260, 9.5021, 79.1703



4.5710, 0.7045, 7.3922

Inverse Universe

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



93.3390, 6.2419, 51.4457



105.1390, 9.7915, 79.6851



124.7910, 13.4140, -55.9447



71.8480, 0.5679, 4.5183



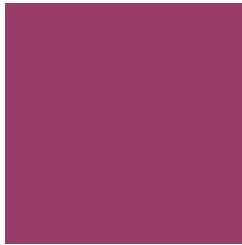
49.7260, 9.5021, 79.1703



4.5710, 0.7045, 7.3922

Previews

White Background



This preview shows how the YUV color 93.3390, 6.2419, 51.4457 looks on a white background.

Color Contrast Check

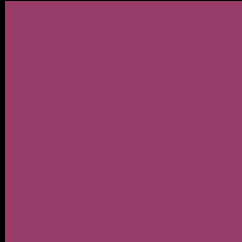
Large Text (above 18pt) WCAG AA ✓ Pass

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 93.3390, 6.2419, 51.4457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

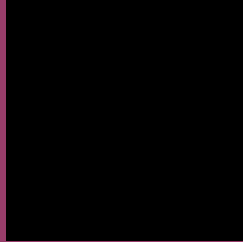
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 93.3390, 6.2419, 51.4457

Background



This preview shows how black text looks on a background with the YUV color 93.3390, 6.2419, 51.4457.



This preview shows how white text looks on a background with the YUV color 93.3390, 6.2419, 51.4457.

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

93.3390, 6.2419, 51.4457

Protanopia

94.2990, 16.6146, -9.0322

Deuteranopia

95.4180, 2.7519, 4.0184



Tritanopia

92.7890, -9.7560, 49.2970

Trichromacy



Original Color

93.3390, 6.2419, 51.4457

Protanomaly

93.8180, 12.9077, 13.3146

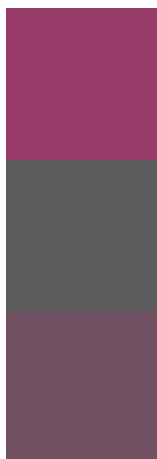
Deuteranomaly

94.8700, 4.0081, 21.1620

Tritanomaly

92.6950, -3.7936, 50.2565

Monochromacy



Original Color

93.3390, 6.2419, 51.4457

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

92.8050, 2.5611, 18.5880

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.3390, 6.2419, 51.4457 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(152, 61, 106)` looks like.

```
.text, #text, p{  
    color:rgb(152, 61, 106)  
}
```

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(152, 61, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 61, 106) }
```

Border

The CSS property to change the border of an element to YUV 93.3390, 6.2419, 51.4457 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(152, 61, 106) }
```


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

```
.border{ border-color:rgb(152, 61, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 61, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 61, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 61, 106);  
box-shadow:4px 4px 4px 4px rgb(152, 61,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 93.3390, 6.2419, 51.4457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 61, 106) }
```

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

```
.background{ background-color: rgb(152, 61,  
106) }
```

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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