

Converting Colors

YUV(98.5590, 15.9934, 50.3758)

Have a look what the booklet for
YUV(98.5590, 15.9934, 50.3758)
contains.

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Color

**YUV(98.5590, 15.9934,
50.3758)**

Conversions

Conversions Part 1

Format	Color
Hex	9C3F83
RGB	156, 63, 131
RGB Percent	61%, 25%, 51%
CMY	0.3882, 0.7529, 0.4863
CMYK	0.00, 0.60, 0.16, 0.39
HSL	316°, 42%, 43%
HSV	316°, 60%, 61%
XYZ	19.5845, 12.2616, 22.8072
YIQ	98.5590, 33.6000, 40.8640

Conversions

Conversions Part 2

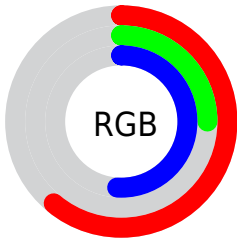
Format	Color
R_{YB}	156, 63, 131
Decimal	10239875
CIE _{Lab}	41.63, 46.92, -19.42
CIE _{LCh}	42, 50.780, 337.519
Yxy	12.2616, 0.3583, 0.2244
Android (android.graphics.Color)	4288429955 (0xFF9C3F83)
YUV	98.5590, 15.9934, 50.3758
Hunter-Lab	35.0166, 38.5547, -14.1055

Details

The YUV color **98.5590, 15.9934, 50.3758** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **120.4410, -15.9934, -50.3758**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.7550, 15.4038, 52.8349**, and **39.7320, 20.3451, 54.6090** is the 20% darker color. If you saturate the color by 10%, you get **88.7110, 18.8765, 59.0125**, and if you desaturate by 10%, it is **108.4070, 13.1103, 41.7391**.

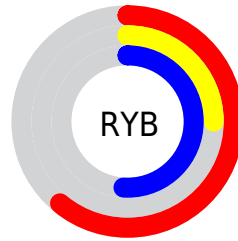
Distribution



Red (61%)

Green (25%)

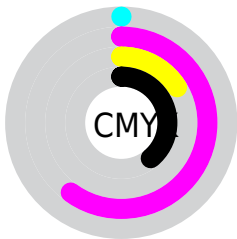
Blue (51%)



Red (61%)

Yellow (25%)

Blue (51%)

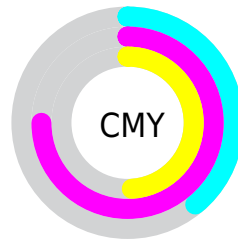


Cyan (0%)

Magenta (60%)

Yellow (16%)

Black (39%)



Cyan (39%)


Magenta (75%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the YUV color 98.5590, 15.9934, 50.3758 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 98.5590, 15.9934, 50.3758 by changing the saturation by 10% instead.


 98.5590, 15.9934,
50.3758


 98.5590, 15.9934,
50.3758


255.0000, 0.0000,
0.0000


 71.7870, 16.8670,
50.1758


 152.7550, 15.4038,
52.8349


 39.7320, 20.3451,
54.6090


 179.8800, 15.8352,
54.4792

 29.3360, 14.1314,
40.9243

 203.3950, 18.0463,
45.2576

 19.7660, 8.4964,
28.2692

 221.5410, 16.4953,
29.3435

 7.3480, 2.2934,
11.0958

 238.5640, 8.1029,
14.4144

 0.0000, 0.0000,
0.0000

■ 98.5590, 15.9934,
50.3758

■ 98.5590, 15.9934,
50.3758

■ 88.7110, 18.8765,
59.0125

■ 108.4070, 13.1103,
41.7391

■ 79.4500, 21.4701,
67.1343

■ 117.6680, 10.5167,
33.6172

■ 69.4880, 23.9164,
75.8710

■ 127.6300, 8.0704,
24.8805

■ 60.2270, 26.5101,
83.9929

■ 136.8910, 5.4767,
16.7586

■ 59.6400, 26.7995,
84.5077

■ 146.7390, 2.5937,
8.1219

■ 156.5870, -0.2894,
-0.5148

■ 165.8480, -2.8831,
-8.6367

■ 175.8100, -5.3293,

-17.3734

■ 185.0710, -7.9230,
-25.4953

Harmonies

Analogous

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



100.7310, 31.6846, 10.7599



98.5590, 15.9934, 50.3758



93.8590, -2.3955, 68.5297

Triad

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



98.5590, 15.9934, 50.3758



91.2910, -45.0065, 15.5308



84.9640, 31.0767, -74.5134

Complementary

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



98.5590, 15.9934, 50.3758



120.4410, -15.9934, -50.3758

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.



80.9910, 13.3154, -71.0291



98.5590, 15.9934, 50.3758



86.4420, -30.7839, -19.6816

Square

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



98.5590, 15.9934, 50.3758



93.5470, -39.7097, 43.3703



74.8010, -5.3249, -65.6005



85.1070, 44.3172, -74.6388

Rectangle

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



98.5590, 15.9934, 50.3758



93.7050, -15.6306, 66.9107



74.8010, -5.3249, -65.6005



84.1830, 25.5458, -73.8285

Sweetspot

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



98.5590, 15.9934, 50.3758



181.1410, 6.3395, 20.0473



81.0770, 36.9370, 6.0715



88.4020, 3.7458, 11.9254



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.



98.5590, 15.9934, 50.3758



113.2650, 25.5054, 79.5746



93.3150, -4.0993, 54.9747



74.0760, 1.4415, 4.3183



54.6130, 24.3478, 77.5154



5.7390, 2.5937, 8.1219

Inverse Universe

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



98.5590, 15.9934, 50.3758



113.2650, 25.5054, 79.5746



125.6850, 4.0993, -54.9747



74.0760, 1.4415, 4.3183



54.6130, 24.3478, 77.5154



5.7390, 2.5937, 8.1219

Previews

White Background



This preview shows how the YUV color 98.5590, 15.9934, 50.3758 looks on a white background.

Color Contrast Check

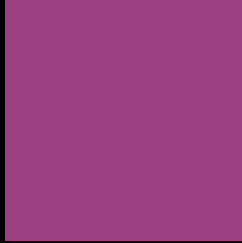
Large Text (above 18pt) WCAG AA ✓ Pass

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 98.5590, 15.9934, 50.3758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

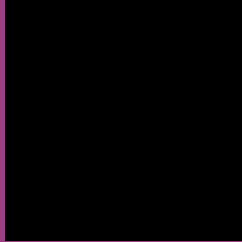
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 98.5590, 15.9934, 50.3758

Background



This preview shows how black text looks on a background with the YUV color 98.5590, 15.9934, 50.3758.



This preview shows how white text looks on a background with the YUV color 98.5590, 15.9934,

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

98.5590, 15.9934, 50.3758

Protanopia

97.6750, 29.7402, -19.0090

Deuteranopia

99.7080, 12.9620, -4.1289



Tritanopia

98.9950, -8.8715, 45.6084

Trichromacy



Original Color

98.5590, 15.9934, 50.3758

Protanomaly

98.1620, 24.5701, 5.9969

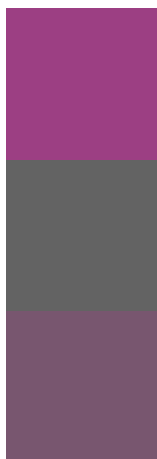
Deuteranomaly

99.4700, 14.0653, 15.3738

Tritanomaly

98.7100, 0.1430, 47.6123

Monochromacy



Original Color

98.5590, 15.9934, 50.3758

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

99.0160, 5.9081, 18.4030

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.5590, 15.9934, 50.3758 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, 63, 131)` looks like.

```
.text, #text, p{  
    color:rgb(156, 63, 131)  
}
```

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, 63, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 63, 131) }
```

Border

The CSS property to change the border of an element to YUV 98.5590, 15.9934, 50.3758 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, 63, 131) }
```


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

```
.border{ border-color:rgb(156, 63, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 63, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 63, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 63, 131);  
box-shadow:4px 4px 4px 4px rgb(156, 63,  
131) }
```

Background

The CSS property to change the background color of an element to YUV 98.5590, 15.9934, 50.3758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 63, 131) }
```

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

```
.background{ background-color: rgb(156, 63,  
131) }
```

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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