

Converting Colors

YUV(93.9400, 14.8196, 53.5496)

Have a look what the booklet for
YUV(93.9400, 14.8196, 53.5496)
contains.

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Color

**YUV(93.9400, 14.8196,
53.5496)**

Conversions

Conversions Part 1

Format	Color
Hex	9B397C
RGB	155, 57, 124
RGB Percent	61%, 22%, 49%
CMY	0.3922, 0.7765, 0.5137
CMYK	0.00, 0.63, 0.20, 0.39
HSL	319°, 46%, 42%
HSV	319°, 63%, 61%
XYZ	18.6188, 11.3501, 20.2782
YIQ	93.9400, 36.9010, 41.6130

Conversions

Conversions Part 2

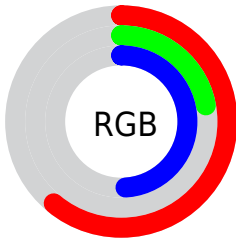
Format	Color
R_{YB}	155, 57, 124
Decimal	10172796
CIE _{Lab}	40.16, 48.30, -17.38
CIE _{LCh}	40, 51.331, 340.209
Yxy	11.3501, 0.3705, 0.2259
Android (android.graphics.Color)	4288362876 (0xFF9B397C)
YUV	93.9400, 14.8196, 53.5496
Hunter-Lab	33.6898, 39.6913, -12.1043

Details

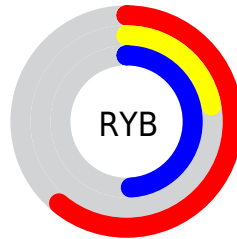
The YUV color **93.9400, 14.8196, 53.5496** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **118.0600, -14.8196, -53.5496**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.1360, 14.2300, 56.0087**, and **38.4500, 18.0191, 53.9793** is the 20% darker color. If you saturate the color by 10%, you get **84.5650, 16.9765, 61.7715**, and if you desaturate by 10%, it is **103.9020, 12.3733, 44.8129**.

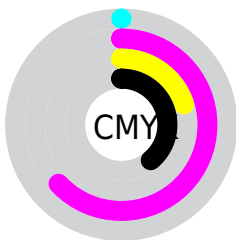
Distribution



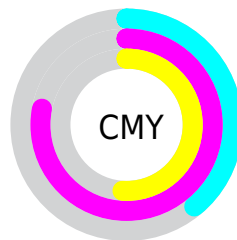
- Red (61%)
- Green (22%)
- Blue (49%)



- Red (61%)
- Yellow (22%)
- Blue (49%)



- Cyan (0%)
- Magenta (63%)
- Yellow (20%)
- Black (39%)




- Cyan (39%)
- Magenta (78%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the YUV color 93.9400, 14.8196, 53.5496 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 93.9400, 14.8196, 53.5496 by changing the saturation by 10% instead.


 93.9400, 14.8196,
53.5496


 93.9400, 14.8196,
53.5496


255.0000, 0.0000,
0.0000


 66.2820, 16.1300,
53.2497


 148.1360, 14.2300,
56.0087


 38.4500, 18.0191,
53.9793


 175.7340, 13.9351,
57.2383

 28.0540, 11.8054,
40.2946

 198.9610, 16.2882,
49.1462

 19.0820, 5.8756,
28.8691

 218.0190, 18.2316,
32.4323

 4.3000, -1.6269,
8.5069

 235.0420, 9.8393,
17.5032

 0.0000, 0.0000,
0.0000

 252.0650, 1.4470,

2.5740

■ 93.9400, 14.8196,
53.5496

■ 93.9400, 14.8196,
53.5496

■ 84.5650, 16.9765,
61.7715

■ 103.9020, 12.3733,
44.8129

■ 74.6030, 19.4227,
70.5082

■ 113.2770, 10.2164,
36.5911

■ 65.2280, 21.5796,
78.7300

■ 122.6520, 8.0596,
28.3692

■ 58.4290, 23.4525,
84.6928

■ 132.6140, 5.6133,
19.6325

■ 142.5760, 3.1670,
10.8958

■ 151.8370, 0.5734,
2.7740

■ 161.7990, -1.8729,
-5.9627

■ 171.1740, -4.0298,
-14.1846

■ 180.5490, -6.1867,
-22.4065

Harmonies

Analogous

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



97.4110, 30.3634, 14.5486



93.9400, 14.8196, 53.5496



89.2290, -3.5639, 69.9592

Triad

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



93.9400, 14.8196, 53.5496



87.1380, -42.9590, 12.1570



83.2030, 31.9449, -72.9690

Complementary

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



93.9400, 14.8196, 53.5496



118.0600, -14.8196, -53.5496

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.



79.2300, 14.1836, -69.4847



93.9400, 14.8196, 53.5496



81.4630, -29.3153, -24.0851

Square

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



93.9400, 14.8196, 53.5496



89.3250, -43.0512, 41.8110



73.1540, -4.0199, -64.1561



82.6450, 45.0380, -72.4797

Rectangle

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



93.9400, 14.8196, 53.5496



89.9500, -17.2304, 66.6958



73.1540, -4.0199, -64.1561



81.8350, 26.7033, -71.7693

Sweetspot

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



93.9400, 14.8196, 53.5496



177.3260, 5.7553, 20.7621



76.8430, 38.5314, 8.0307



87.7010, 3.5984, 12.5402



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.



93.9400, 14.8196, 53.5496



105.7170, 23.3105, 83.5632



88.5820, -5.7099, 58.2486



71.9620, 1.0047, 4.4183



52.8040, 21.2956, 76.4709



4.9130, 2.0149, 7.0923

Inverse Universe

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



93.9400, 14.8196, 53.5496



105.7170, 23.3105, 83.5632



123.4180, 5.7099, -58.2486



71.9620, 1.0047, 4.4183



52.8040, 21.2956, 76.4709



4.9130, 2.0149, 7.0923

Previews

White Background



This preview shows how the YUV color 93.9400, 14.8196, 53.5496 looks on a white background.

Color Contrast Check

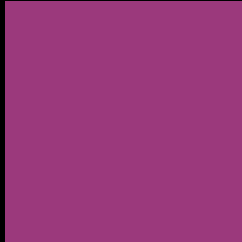
Large Text (above 18pt) WCAG AA ✓ Pass

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 93.9400, 14.8196, 53.5496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

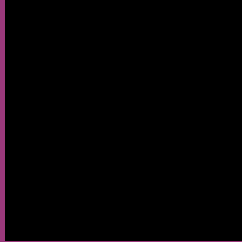
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 93.9400, 14.8196, 53.5496

Background



This preview shows how black text looks on a background with the YUV color 93.9400, 14.8196, 53.5496.



This preview shows how white text looks on a background with the YUV color 93.9400, 14.8196,

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

93.9400, 14.8196, 53.5496

Protanopia

94.3330, 28.4298, -18.7090

Deuteranopia

95.8500, 10.9200, -2.4994



Tritanopia

94.4900, -9.6086, 48.6823

Trichromacy



Original Color

93.9400, 14.8196, 53.5496

Protanomaly

94.5320, 23.4017, 7.4264

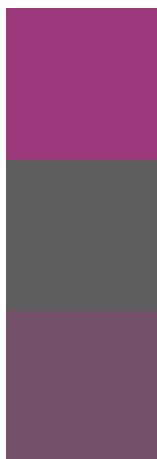
Deuteranomaly

95.3240, 12.1653, 18.1329

Tritanomaly

94.2050, -0.5941, 50.6862

Monochromacy



Original Color

93.9400, 14.8196, 53.5496

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

94.2010, 5.3239, 19.1177

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.9400, 14.8196, 53.5496 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(155, 57, 124)` looks like.

```
.text, #text, p{  
    color:rgb(155, 57, 124)  
}
```

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(155, 57, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 57, 124) }
```

Border

The CSS property to change the border of an element to YUV 93.9400, 14.8196, 53.5496 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(155, 57, 124) }
```


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

```
.border{ border-color:rgb(155, 57, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 57, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 57, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 57, 124);  
box-shadow:4px 4px 4px 4px rgb(155, 57,  
124) }
```

Background

The CSS property to change the background color of an element to YUV 93.9400, 14.8196, 53.5496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 57, 124) }
```

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

```
.background{ background-color: rgb(155, 57,  
124) }
```

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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