

Converting Colors

YUV(93.7300, 9.9931, 61.6268)

Have a look what the booklet for
YUV(93.7300, 9.9931, 61.6268)
contains.

YUV(93.7300, 9.9931, 61.6268)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(93.7300, 9.9931,
61.6268)**

Conversions

Conversions Part 1

Format	Color
Hex	A43672
RGB	164, 54, 114
RGB Percent	64%, 21%, 45%
CMY	0.3569, 0.7882, 0.5529
CMYK	0.00, 0.67, 0.30, 0.36
HSL	327°, 50%, 43%
HSV	327°, 67%, 64%
XYZ	19.6663, 11.7458, 17.1502
YIQ	93.7300, 46.3000, 41.9800

Conversions

Conversions Part 2

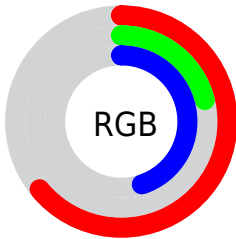
Format	Color
R_{YB}	164, 54, 114
Decimal	10761842
CIE _{Lab}	40.81, 50.86, -10.06
CIE _{LCh}	41, 51.851, 348.808
Yxy	11.7458, 0.4050, 0.2419
Android (android.graphics.Color)	4288951922 (0xFFA43672)
YUV	93.7300, 9.9931, 61.6268
Hunter-Lab	34.2721, 42.4521, -5.6791

Details

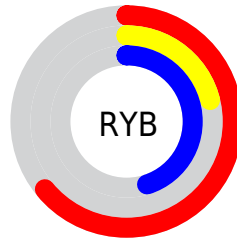
The YUV color **93.7300, 9.9931, 61.6268** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **124.2700, -9.9931, -61.6268**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.6980, 8.5299, 64.2859**, and **39.8160, 12.9087, 59.7974** is the 20% darker color. If you saturate the color by 10%, you get **83.5400, 11.5658, 70.5634**, and if you desaturate by 10%, it is **103.9200, 8.4204, 52.6902**.

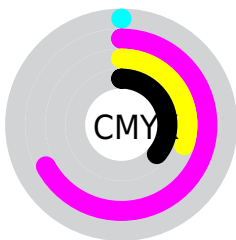
Distribution



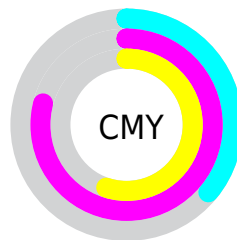
- Red (64%)
- Green (21%)
- Blue (45%)



- Red (64%)
- Yellow (21%)
- Blue (45%)



- Cyan (0%)
- Magenta (67%)
- Yellow (30%)
- Black (36%)



- Cyan (36%)
- Magenta (79%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the YUV color 93.7300, 9.9931, 61.6268 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 93.7300, 9.9931, 61.6268 by changing the saturation by 10% instead.


 93.7300, 9.9931,
61.6268


 93.7300, 9.9931,
61.6268


255.0000, 0.0000,
0.0000


 64.3110, 12.1717,
62.8713

 148.6980, 8.5299,
64.2859

 39.8160, 12.9087,
59.7974


 176.5950, 8.0877,
66.1302


 29.2350, 7.2791,
45.3979

 197.1200, 11.7728,
50.7608

 19.7790, 2.0810,
32.6428

 216.7480, 15.9002,
33.5470

 7.2900, -3.1010,
14.6547

 234.4550, 10.1287,
18.0180

 0.0000, 0.0000,
0.0000

 251.4780, 1.7363,

3.0888

■ 93.7300, 9.9931,
61.6268

■ 93.7300, 9.9931,
61.6268

■ 83.5400, 11.5658,
70.5634

■ 103.9200, 8.4204,
52.6902

■ 72.6490, 12.9910,
80.1148

■ 114.8110, 6.9952,
43.1388

■ 62.4590, 14.5637,
89.0515

■ 125.0010, 5.4225,
34.2021

■ 59.1820, 14.7003,
91.9254

■ 135.8920, 3.9972,
24.6507

■ 146.0820, 2.4246,
15.7141

■ 156.3860, 1.2887,
6.6775

■ 167.1630, -0.5734,
-2.7740

■ 177.4670, -1.7092,
-11.8106

■ 188.2440, -3.5713,
-21.2620

Harmonies

Analogous

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



98.8750, 26.6836, 28.1736



93.7300, 9.9931, 61.6268



90.3340, -9.5317, 70.7441

Triad

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



93.7300, 9.9931, 61.6268



87.0830, -42.9319, 3.4352



84.5710, 37.1865, -74.1688

Complementary

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



93.7300, 9.9931, 61.6268



124.2700, -9.9931, -61.6268

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.



82.0000, 19.7200, -71.9140



93.7300, 9.9931, 61.6268



79.6120, -21.9937, -39.1247

Square

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



93.7300, 9.9931, 61.6268



90.8140, -44.7713, 33.4891



76.3970, 0.7903, -67.0002



82.7420, 47.9482, -72.5647

Rectangle

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



93.7300, 9.9931, 61.6268



91.7340, -23.0399, 63.3773



76.3970, 0.7903, -67.0002



84.4910, 31.8029, -74.0986

Sweetspot

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



93.7300, 9.9931, 61.6268



186.5930, 4.1447, 24.0359



81.4900, 40.6774, 19.7413



90.3700, 2.2826, 14.5845



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



93.7300, 9.9931, 61.6268



104.7310, 15.4156, 95.8289



87.4600, -14.0308, 67.1256



76.2610, 0.8573, 5.0331



52.3610, 13.1330, 81.2444



6.5220, 1.7147, 10.0662

Inverse Universe

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



93.7300, 9.9931, 61.6268



104.7310, 15.4156, 95.8289



130.4260, 13.5940, -67.0256



76.2610, 0.8573, 5.0331



52.3610, 13.1330, 81.2444



6.5220, 1.7147, 10.0662

Previews

White Background



This preview shows how the YUV color 93.7300, 9.9931, 61.6268 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 93.7300, 9.9931, 61.6268 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

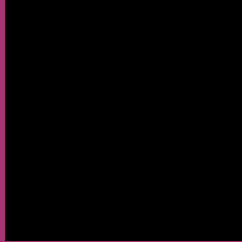
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 93.7300, 9.9931, 61.6268

Background



This preview shows how black text looks on a background with the YUV color 93.7300, 9.9931, 61.6268.



This preview shows how white text looks on a background with the YUV color 93.7300, 9.9931, 61.6268.

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

93.7300, 9.9931, 61.6268

Protanopia

96.8730, 22.7406, -13.9206

Deuteranopia

97.6890, 5.0833, 2.9037



Tritanopia

93.8610, -12.2565, 58.0039

Trichromacy



Original Color

93.7300, 9.9931, 61.6268

Protanomaly

95.7840, 17.8545, 13.3444

Deuteranomaly

95.9890, 6.9074, 24.5656

Tritanomaly

93.6360, -4.2575, 59.0782

Monochromacy



Original Color

93.7300, 9.9931, 61.6268

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

93.4680, 3.7133, 22.3916

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.7300, 9.9931, 61.6268 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(164, 54, 114)` looks like.

```
.text, #text, p{  
    color:rgb(164, 54, 114)  
}
```

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(164, 54, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 54, 114) }
```

Border

The CSS property to change the border of an element to YUV 93.7300, 9.9931, 61.6268 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(164, 54, 114) }
```


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

```
.border{ border-color:rgb(164, 54, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 54, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 54, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 54, 114);  
box-shadow:4px 4px 4px 4px rgb(164, 54,  
114) }
```

Background

The CSS property to change the background color of an element to YUV 93.7300, 9.9931, 61.6268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 54, 114) }
```

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

```
.background{ background-color: rgb(164, 54,  
114) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor