

Converting Colors

YUV(93.1130, 19.1713, 57.7829)

Have a look what the booklet for
YUV(93.1130, 19.1713, 57.7829)
contains.

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Color

**YUV(93.1130, 19.1713,
57.7829)**

Conversions

Conversions Part 1

Format	Color
Hex	9F3484
RGB	159, 52, 132
RGB Percent	62%, 20%, 52%
CMY	0.3765, 0.7961, 0.4824
CMYK	0.00, 0.67, 0.17, 0.38
HSL	315°, 51%, 41%
HSV	315°, 67%, 62%
XYZ	19.6909, 11.4929, 23.0103
YIQ	93.1130, 38.0920, 47.5640

Conversions

Conversions Part 2

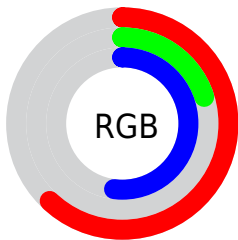
Format	Color
R_{YB}	159, 52, 132
Decimal	10433668
CIE _{Lab}	40.40, 52.76, -21.89
CIE _{LCh}	40, 57.119, 337.466
Yxy	11.4929, 0.3633, 0.2121
Android (android.graphics.Color)	4288623748 (0xFF9F3484)
YUV	93.1130, 19.1713, 57.7829
Hunter-Lab	33.9011, 44.3520, -16.5122

Details

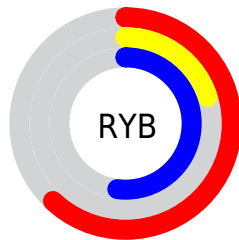
The YUV color **93.1130, 19.1713, 57.7829** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **117.8870, -19.1713, -57.7829**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.8960, 18.2923, 59.7272**, and **40.4440, 20.4871, 55.7386** is the 20% darker color. If you saturate the color by 10%, you get **83.2650, 22.0544, 66.4196**, and if you desaturate by 10%, it is **102.9610, 16.2882, 49.1462**.

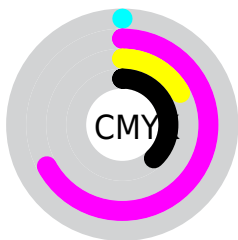
Distribution



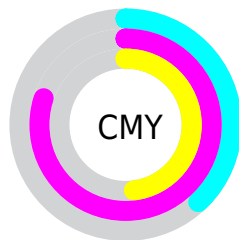
- Red (62%)
- Green (20%)
- Blue (52%)



- Red (62%)
- Yellow (20%)
- Blue (52%)



- Cyan (0%)
- Magenta (67%)
- Yellow (17%)
- Black (38%)





- Cyan (38%)
- Magenta (80%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the YUV color 93.1130, 19.1713, 57.7829 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 93.1130, 19.1713, 57.7829 by changing the saturation by 10% instead.


 93.1130, 19.1713,
57.7829


 93.1130, 19.1713,
57.7829


255.0000, 0.0000,
0.0000

 63.1070, 21.6392,
59.5422

 147.8960, 18.2923,
59.7272


 40.4440, 20.4871,
55.7386


 176.4940, 17.9975,
60.9568


 29.7490, 14.4207,
41.4391

 198.3400, 21.5244,
49.6908

 20.3640, 8.2015,
29.4988

 216.2580, 19.0998,
33.9767

 7.4620, 2.7302,
10.9958

 233.2810, 10.7075,
19.0476

 0.0000, 0.0000,
0.0000

 250.3040, 2.3151,

4.1184

■ 93.1130, 19.1713,
57.7829

■ 93.1130, 19.1713,
57.7829

■ 83.2650, 22.0544,
66.4196

■ 102.9610, 16.2882,
49.1462

■ 73.4170, 24.9374,
75.0563

■ 112.8090, 13.4052,
40.5095

■ 63.5690, 27.8205,
83.6930

■ 122.6570, 10.5221,
31.8728

■ 61.1070, 28.5412,
85.8522

■ 132.5050, 7.6390,
23.2361

■ 142.3530, 4.7560,
14.5994

■ 151.6140, 2.1623,
6.4775

■ 161.4620, -0.7208,
-2.1592

■ 171.3100, -3.6038,
-10.7959

■ 181.1580, -6.4869,
-19.4326

Harmonies

Analogous

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



97.4690, 35.7578, 10.9897



93.1130, 19.1713, 57.7829



86.2070, -0.1021, 79.6255

Triad

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



93.1130, 19.1713, 57.7829



88.3340, -43.5487, 14.6161



84.7190, 32.6765, -74.2986

Complementary

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



93.1130, 19.1713, 57.7829



117.8870, -19.1713, -57.7829

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.



80.1760, 12.7312, -70.3144



93.1130, 19.1713, 57.7829



79.7700, -38.3406, -22.6003

Square

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



93.1130, 19.1713, 57.7829



89.1300, -43.9411, 47.2440



73.4160, -8.0931, -64.3858



85.3180, 47.6642, -74.8239

Rectangle

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



93.1130, 19.1713, 57.7829



87.0590, -15.8051, 76.2473



73.4160, -8.0931, -64.3858



83.7100, 26.2720, -73.4137

Sweetspot

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



93.1130, 19.1713, 57.7829



181.0920, 7.3496, 22.7213



72.2710, 42.7574, 5.9013



88.9400, 4.4666, 14.0846



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



93.1130, 19.1713, 57.7829



103.4820, 29.8354, 90.7853



87.0710, -3.9790, 63.0817



74.0760, 1.4415, 4.3183



54.9550, 25.6582, 77.2155



5.7390, 2.5937, 8.1219

Inverse Universe

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



93.1130, 19.1713, 57.7829



103.4820, 29.8354, 90.7853



123.9290, 3.9790, -63.0817



74.0760, 1.4415, 4.3183



54.9550, 25.6582, 77.2155



5.7390, 2.5937, 8.1219

Previews

White Background



This preview shows how the YUV color 93.1130, 19.1713, 57.7829 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 93.1130, 19.1713, 57.7829 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

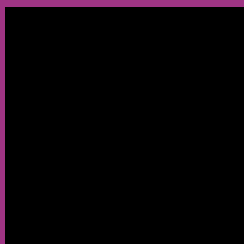
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 93.1130, 19.1713, 57.7829

Background



This preview shows how black text looks on a background with the YUV color 93.1130, 19.1713, 57.7829.



This preview shows how white text looks on a background with the YUV color 93.1130, 19.1713,

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

93.1130, 19.1713, 57.7829

Protanopia

93.2380, 35.8717, -25.6417

Deuteranopia

96.1530, 14.7146, -6.2732



Tritanopia

94.5720, -10.6350, 51.2414

Trichromacy



Original Color

93.1130, 19.1713, 57.7829

Protanomaly

93.5300, 29.8117, 4.7972

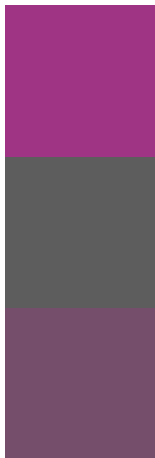
Deuteranomaly

95.0510, 16.2439, 16.6183

Tritanomaly

94.0420, -0.0207, 53.4602

Monochromacy



Original Color

93.1130, 19.1713, 57.7829

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

92.9670, 6.9183, 21.0769

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.1130, 19.1713, 57.7829 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(159, 52, 132)` looks like.

```
.text, #text, p{  
    color:rgb(159, 52, 132)  
}
```

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(159, 52, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 52, 132) }
```

Border

The CSS property to change the border of an element to YUV 93.1130, 19.1713, 57.7829 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(159, 52, 132) }
```


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

```
.border{ border-color:rgb(159, 52, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 52, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 52, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 52, 132);  
box-shadow:4px 4px 4px 4px rgb(159, 52,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 93.1130, 19.1713, 57.7829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 52, 132) }
```

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

```
.background{ background-color: rgb(159, 52,  
132) }
```

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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