

Converting Colors

YUV(90.7000, 2.1199, 66.9151)

Have a look what the booklet for
YUV(90.7000, 2.1199, 66.9151)
contains.

YUV(90.7000, 2.1199, 66.9151)	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(90.7000, 2.1199,
66.9151)**

Conversions

Conversions Part 1

Format	Color
Hex	A7335F
RGB	167, 51, 95
RGB Percent	65%, 20%, 37%
CMY	0.3451, 0.8000, 0.6275
CMYK	0.00, 0.69, 0.43, 0.35
HSL	337°, 53%, 43%
HSV	337°, 69%, 65%
XYZ	19.1857, 11.4094, 12.0175
YIQ	90.7000, 55.0120, 38.2760

Conversions

Conversions Part 2

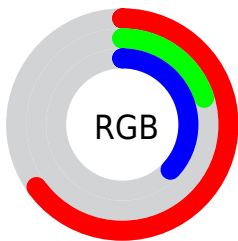
Format	Color
R_{YB}	167, 51, 95
Decimal	10957663
CIE Lab	40.26, 50.80, 1.07
CIE LCh	40, 50.808, 1.203
Yxy	11.4094, 0.4502, 0.2677
Android (android.graphics.Color)	4289147743 (0xFFA7335F)
YUV	90.7000, 2.1199, 66.9151
Hunter-Lab	33.7778, 42.2768, 2.5501

Details

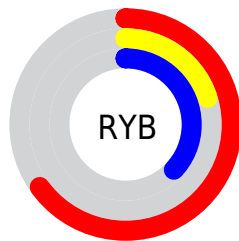
The YUV color **90.7000, 2.1199, 66.9151** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **127.3000, -2.1199, -66.9151**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.3260, -0.6537, 69.8741**, and **38.4760, 5.1883, 62.7265** is the 20% darker color. If you saturate the color by 10%, you get **79.5810, 2.6716, 76.6665**, and if you desaturate by 10%, it is **101.8190, 1.5682, 57.1637**.

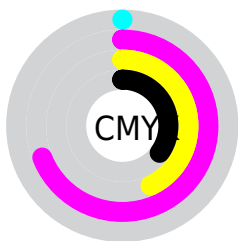
Distribution



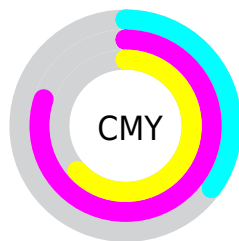
- Red (65%)
- Green (20%)
- Blue (37%)



- Red (65%)
- Yellow (20%)
- Blue (37%)



- Cyan (0%)
- Magenta (69%)
- Yellow (43%)
- Black (35%)




- Cyan (35%)
- Magenta (80%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the YUV color 90.7000, 2.1199, 66.9151 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 90.7000, 2.1199, 66.9151 by changing the saturation by 10% instead.


 90.7000, 2.1199,
66.9151


 90.7000, 2.1199,
66.9151


255.0000, 0.0000,
0.0000


 60.5090, 5.1721,
67.9596


 146.3260, -0.6537,
69.8741


 38.4760, 5.1883,
62.7265


 173.9240, -0.9485,
71.1037


 27.7100, 0.1430,
47.6123

 192.8510, 3.0315,
54.5047

 17.8690, -7.8234,
36.0719

 212.4790, 7.1589,
37.2909

 5.9800, -2.9481,
12.2955

 232.6940, 10.9969,
19.5624

 0.0000, 0.0000,
0.0000

 249.7170, 2.6045,

4.6332

■ 90.7000, 2.1199,
66.9151

■ 90.7000, 2.1199,
66.9151

■ 79.5810, 2.6716,
76.6665

■ 101.8190, 1.5682,
57.1637

■ 68.9350, 2.4970,
86.0030

■ 112.4650, 1.7428,
47.8272

■ 57.8160, 3.0487,
95.7544

■ 123.5840, 1.1911,
38.0758

■ 57.1150, 2.9013,
96.3691

■ 134.7030, 0.6394,
28.3245

■ 145.9360, 0.5246,
18.4731

■ 156.4680, 0.2623,
9.2366

■ 167.7010, 0.1474,
-0.6148

■ 178.8200, -0.4043,
-10.3661

■ 189.3520, -0.6665,
-19.6027

Harmonies

Analogous

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



96.1390, 19.6515, 43.7281



90.7000, 2.1199, 66.9151



90.1240, -17.8091, 65.6663

Triad

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



90.7000, 2.1199, 66.9151



84.0040, -36.4840, -11.4045



83.0210, 41.4016, -72.8094

Complementary

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



90.7000, 2.1199, 66.9151



127.3000, -2.1199, -66.9151

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.



81.9490, 27.1401, -71.8693



90.7000, 2.1199, 66.9151



71.0850, -9.4089, -62.3415

Square

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



90.7000, 2.1199, 66.9151



88.9650, -43.8597, 21.0787



77.7480, 8.5052, -68.1850



78.4050, 49.1003, -68.7612

Rectangle

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



90.7000, 2.1199, 66.9151



90.8440, -29.9961, 54.5108



77.7480, 8.5052, -68.1850



83.2830, 37.3285, -73.0392

Sweetspot

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



90.7000, 2.1199, 66.9151



186.6920, 0.6448, 26.5801



85.7520, 40.0553, 32.6665



91.6260, 0.6774, 16.1140



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



90.7000, 2.1199, 66.9151



98.5720, 3.1690, 103.8614



93.9020, -21.1507, 64.1069



78.7340, 0.1311, 4.6183



50.6360, 2.6445, 85.3882



6.8920, 0.5462, 11.4957

Inverse Universe

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



90.7000, 2.1199, 66.9151



98.5720, 3.1690, 103.8614



124.0980, 21.1507, -64.1069



78.7340, 0.1311, 4.6183



50.6360, 2.6445, 85.3882



6.8920, 0.5462, 11.4957

Previews

White Background



This preview shows how the YUV color 90.7000, 2.1199, 66.9151 looks on a white background.

Color Contrast Check

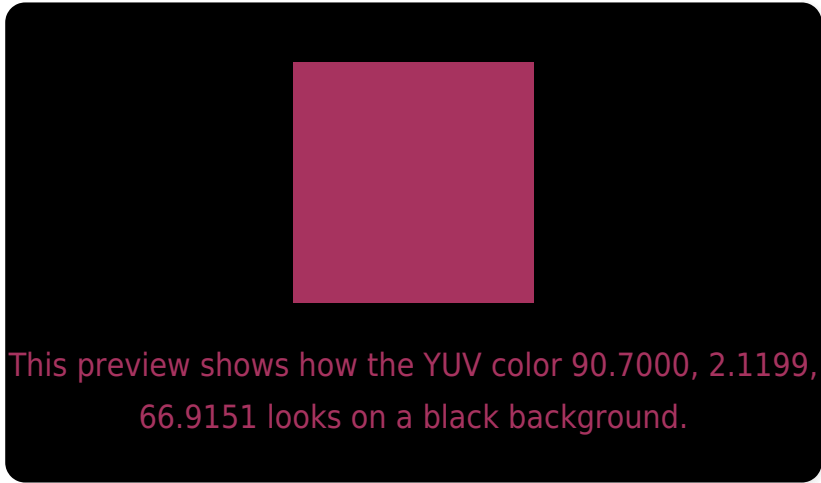
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

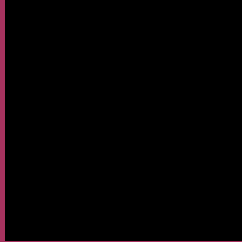
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.7000, 2.1199, 66.9151

Background



This preview shows how black text looks on a background with the YUV color 90.7000, 2.1199, 66.9151.



This preview shows how white text looks on a background with the YUV color 90.7000, 2.1199,

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

90.7000, 2.1199, 66.9151

Protanopia

96.1700, 12.2412, -6.2881

Deuteranopia

96.1430, -3.5215, 9.5216



Tritanopia

91.0360, -14.3147, 64.8664

Trichromacy



Original Color

90.7000, 2.1199, 66.9151

Protanomaly

94.1240, 8.8129, 20.0623

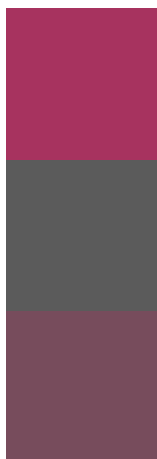
Deuteranomaly

94.1440, -1.5500, 30.5687

Tritanomaly

90.9420, -8.3524, 65.8259

Monochromacy



Original Color

90.7000, 2.1199, 66.9151

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

90.6810, 0.6503, 24.8358

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.7000, 2.1199, 66.9151 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(167, 51, 95)` looks like.

```
.text, #text, p{  
    color:rgb(167, 51, 95)  
}
```

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(167, 51, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 51, 95) }
```

Border

The CSS property to change the border of an element to YUV 90.7000, 2.1199, 66.9151 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(167, 51, 95) }
```


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

```
.border{ border-color:rgb(167, 51, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 51, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 51, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 51, 95);  
box-shadow:4px 4px 4px 4px rgb(167, 51,  
95) }
```

Background

The CSS property to change the background color of an element to YUV 90.7000, 2.1199, 66.9151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 51, 95) }
```

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

```
.background{ background-color: rgb(167, 51,  
95) }
```

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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