

Converting Colors

YUV(103.0900, 20.6616,
46.4021)

Have a look what the booklet for
YUV(103.0900, 20.6616, 46.4021)
contains.

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Color

**YUV(103.0900, 20.6616,
46.4021)**

Conversions

Conversions Part 1	
Format	Color
Hex	9C4491
RGB	156, 68, 145
RGB Percent	61%, 27%, 57%
CMY	0.3882, 0.7333, 0.4314
CMYK	0.00, 0.56, 0.07, 0.39
HSL	308°, 39%, 44%
HSV	308°, 56%, 61%
XYZ	20.8883, 13.2465, 28.2440
YIQ	103.0900, 27.7310, 42.6030

Conversions

Conversions Part 2

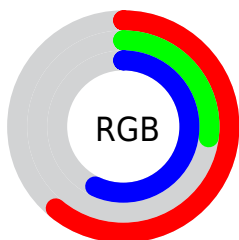
Format	Color
RYB	156, 68, 145
Decimal	10241169
CIELab	43.13, 46.85, -25.60
CIELCh	43, 53.391, 331.349
Yxy	13.2465, 0.3349, 0.2124
Android (android.graphics.Color)	4288431249 (0xFF9C4491)
YUV	103.0900, 20.6616, 46.4021
Hunter-Lab	36.3957, 38.7523, -20.5334

Details

The YUV color **103.0900, 20.6616, 46.4021** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **120.9100, -20.6616, -46.4021**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.8130, 20.7982, 49.2760**, and **46.4970, 23.4190, 48.6761** is the 20% darker color. If you saturate the color by 10%, you get **93.4700, 24.4183, 54.8388**, and if you desaturate by 10%, it is **112.7100, 16.9050, 37.9653**.

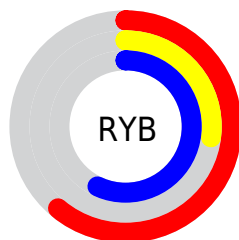
Distribution



Red (61%)

Green (27%)

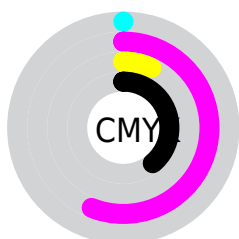
Blue (57%)



Red (61%)

Yellow (27%)

Blue (57%)

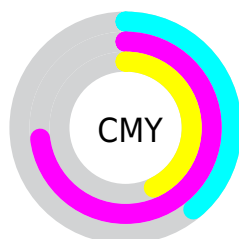


Cyan (0%)

Magenta (56%)

Yellow (7%)

Black (39%)



Cyan (39%)

Magenta (73%)


Yellow (43%)


Brightness & Saturation

Gradients


These gradients show how the YUV color 103.0900, 20.6616, 46.4021 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 103.0900, 20.6616, 46.4021 by changing the saturation by 10% instead.


 103.0900, 20.6616,
46.4021


 103.0900, 20.6616,
46.4021


255.0000, 0.0000,
0.0000


 76.7910, 20.8090,
45.7873

 156.8130, 20.7982,
49.2760


 46.4970, 23.4190,
48.6761

 184.5250, 20.9402,
50.4056

 30.7040, 19.3729,
39.7246


 208.0400, 23.1513,
41.1839


 21.0200, 13.3011,
27.1695

 224.4760, 15.0483,
26.7695


 10.1400, 7.8190,
12.1552


 241.4990, 6.6560,
11.8404


 0.0000, 0.0000,
0.0000

 103.0900, 20.6616,
46.4021


 103.0900, 20.6616,
46.4021

 93.4700, 24.4183,
54.8388


 112.7100, 16.9050,
37.9653


 84.4370, 27.8856,
62.7608


 121.7430, 13.4377,
30.0434


 74.8170, 31.6422,
71.1975


 131.3630, 9.6810,
21.6066

 65.7840, 35.1095,
79.1194

 140.3960, 6.2138,
13.6847

 62.2620, 36.8458,
82.2082


 150.0160, 2.4571,
5.2480

 159.6360, -1.2995,
-3.1888

 168.6690, -4.7668,
-11.1107

 178.2890, -8.5235,

-19.5475

 187.3220,
-11.9907, -27.4694

Harmonies

Analogous

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



103.3320, 36.8113, -0.2912



103.0900, 20.6616, 46.4021



97.4340, 2.2510, 71.5334

Triad

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



103.0900, 20.6616, 46.4021



95.4660, -47.0647, 22.3933



88.3720, 28.9036, -77.5022

Complementary

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



103.0900, 20.6616, 46.4021



120.9100, -20.6616, -46.4021

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.



83.3560, 9.6845, -73.1032



103.0900, 20.6616, 46.4021



89.8360, -38.3731, -12.1342

Square

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



103.0900, 20.6616, 46.4021



97.2320, -38.5684, 50.6625



76.3510, -9.5400, -66.9598



89.0850, 44.3281, -78.1275

Rectangle

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



103.0900, 20.6616, 46.4021



96.7750, -11.7211, 72.9883



76.3510, -9.5400, -66.9598



86.7760, 22.7884, -76.1026

Sweetspot

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



103.0900, 20.6616, 46.4021



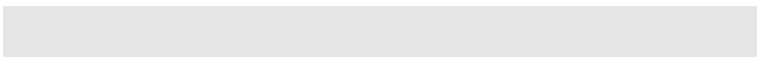
182.9990, 8.3815, 18.4179



81.0220, 36.9642, -2.6503



89.9180, 4.4774, 10.5959



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.



103.0900, 20.6616, 46.4021



120.4690, 32.7998, 73.2567



98.1880, 1.8793, 50.7011



74.1900, 1.8783, 4.2184



57.0070, 33.5205, 75.4159



5.9670, 3.4673, 7.9219

Inverse Universe

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



103.0900, 20.6616, 46.4021



120.4690, 32.7998, 73.2567



125.8120, -1.8793, -50.7011



74.1900, 1.8783, 4.2184



57.0070, 33.5205, 75.4159



5.9670, 3.4673, 7.9219

Previews

White Background



This preview shows how the YUV color 103.0900, 20.6616, 46.4021 looks on a white background.

Color Contrast Check

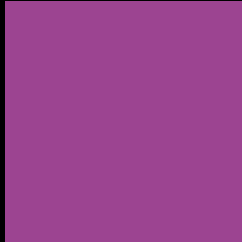
Large Text (above 18pt) WCAG AA ✓ Pass

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 103.0900, 20.6616, 46.4021 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

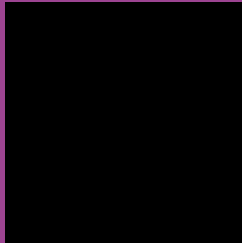
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 103.0900, 20.6616, 46.4021

Background



This preview shows how black text looks on a background with the YUV color 103.0900, 20.6616, 46.4021.



This preview shows how white text looks on a background with the YUV color 103.0900, 20.6616,

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

103.0900, 20.6616, 46.4021

Protanopia

99.8360, 35.5769, -24.4122

Deuteranopia

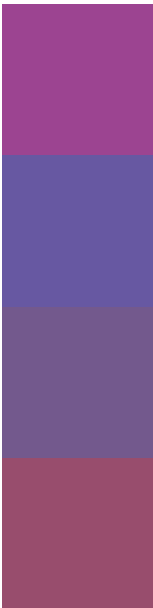
102.3420, 18.0724, -9.9469



Tritanopia

103.0160, -7.4029, 41.2050

Trichromacy



Original Color
103.0900, 20.6616, 46.4021

Protanomaly
100.9210, 30.1119, 1.8233

Deuteranomaly
102.7020, 18.8809, 10.7853

Tritanomaly
103.0730, 2.9220, 42.9090

Monochromacy



Original Color
103.0900, 20.6616, 46.4021

Achromatopsia
103.0000, 0.0000, 0.0000

Achromatomaly
102.7600, 7.5133, 16.8735

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.0900, 20.6616, 46.4021 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, 68, 145)` looks like.

```
.text, #text, p{  
    color:rgb(156, 68, 145)  
}
```

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, 68, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 68, 145) }
```

Border

The CSS property to change the border of an element to YUV 103.0900, 20.6616, 46.4021 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, 68, 145) }
```


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

```
.border{ border-color:rgb(156, 68, 145) }
```

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

Here you see how a box with a 4 pixel rgb(156, 68, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 68, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 68, 145);  
box-shadow:4px 4px 4px 4px rgb(156, 68,  
145) }
```

Background

The CSS property to change the background color of an element to YUV 103.0900, 20.6616, 46.4021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 68, 145) }
```

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

```
.background{ background-color: rgb(156, 68,  
145) }
```

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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