

Converting Colors

YUV(104.5370, 19.4553,
60.0421)

Have a look what the booklet for
YUV(104.5370, 19.4553, 60.0421)
contains.

YUV(104.5370, 19.4553, 60.0421)	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(104.5370, 19.4553,
60.0421)**

Conversions

Conversions Part 1

Format	Color
Hex	AD3E90
RGB	173, 62, 144
RGB Percent	68%, 24%, 56%
CMY	0.3216, 0.7569, 0.4353
CMYK	0.00, 0.64, 0.17, 0.32
HSL	316°, 47%, 46%
HSV	316°, 64%, 68%
XYZ	23.9902, 14.3431, 27.8896
YIQ	104.5370, 39.8340, 49.0340

Conversions

Conversions Part 2

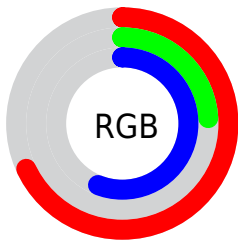
Format	Color
RYB	173, 62, 144
Decimal	11353744
CIELab	44.72, 54.26, -22.32
CIELCh	45, 58.671, 337.635
Yxy	14.3431, 0.3623, 0.2166
Android (android.graphics.Color)	4289543824 (0xFFAD3E90)
YUV	104.5370, 19.4553, 60.0421
Hunter-Lab	37.8723, 46.7945, -17.1513

Details

The YUV color **104.5370, 19.4553, 60.0421** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **130.4630, -19.4553, -60.0421**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.3200, 18.5762, 61.9864**, and **45.5850, 23.3756, 62.6310** is the 20% darker color. If you saturate the color by 10%, you get **93.9880, 22.1909, 69.2935**, and if you desaturate by 10%, it is **115.0860, 16.7196, 50.7906**.

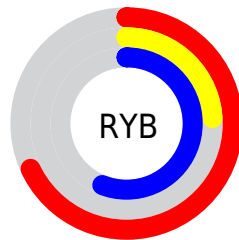
Distribution



Red (68%)

Green (24%)

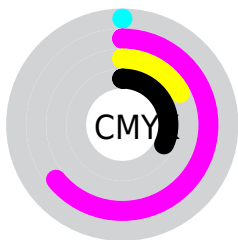
Blue (56%)



Red (68%)

Yellow (24%)

Blue (56%)

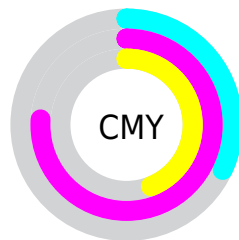


Cyan (0%)

Magenta (64%)

Yellow (17%)

Black (32%)



Cyan (32%)


Magenta (76%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the YUV color 104.5370, 19.4553, 60.0421 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 104.5370, 19.4553, 60.0421 by changing the saturation by 10% instead.


 104.5370, 19.4553,
60.0421


 104.5370, 19.4553,
60.0421


255.0000, 0.0000,
0.0000


 75.5910, 20.9076,
60.8717


 160.3200, 18.5762,
61.9864


 45.5850, 23.3756,
62.6310


 186.5370, 19.4553,
60.0421

 34.7760, 16.8724,
48.4314

 206.2790, 24.0195,
42.7283

 24.4940, 11.0955,
34.6468

 222.7150, 15.9165,
28.3139

 14.6250, 5.6079,
21.3769

 239.7380, 7.5242,
13.3848

 0.0000, 0.0000,
0.0000

104.5370, 19.4553,
60.0421

104.5370, 19.4553,
60.0421

93.9880, 22.1909,
69.2935

115.0860, 16.7196,
50.7906

82.9660, 25.6528,
78.9598

126.1080, 13.2578,
41.1243

72.4170, 28.3884,
88.2113

136.6570, 10.5221,
31.8728

66.3190, 30.4087,
93.5592

147.0920, 7.3496,
22.7213

158.2280, 4.3246,
12.9550

168.6630, 1.1521,
3.8035

179.2120, -1.5835,
-5.4479

189.6470, -4.7560,

-14.5994

■ 200.7830, -7.7810,
-24.3657

Harmonies

Analogous

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



108.5230, 37.2102, 11.8193



104.5370, 19.4553, 60.0421



98.1750, -1.5653, 82.2845

Triad

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



104.5370, 19.4553, 60.0421



98.0800, -48.3534, 15.7158



93.3590, 35.3190, -81.8758

Complementary

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



104.5370, 19.4553, 60.0421



130.4630, -19.4553, -60.0421

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.



88.4740, 14.0633, -77.5917



104.5370, 19.4553, 60.0421



90.1720, -38.0458, -23.8298

Square

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



104.5370, 19.4553, 60.0421



99.1860, -48.8987, 50.7029



80.8990, -7.3452, -70.9484



93.3710, 50.5961, -81.8864

Rectangle

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



104.5370, 19.4553, 60.0421



98.4400, -16.9789, 79.4211



80.8990, -7.3452, -70.9484



91.6490, 28.7670, -80.3762

Sweetspot

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



104.5370, 19.4553, 60.0421



198.0920, 7.3496, 22.7213



83.0260, 44.3572, 6.1162



95.9400, 4.4666, 14.0846



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



104.5370, 19.4553, 60.0421



117.9060, 30.1193, 93.0444



98.3810, -4.1318, 65.4409



81.3750, 1.2941, 4.9331



57.5040, 26.3735, 81.1190



8.8150, 4.0352, 12.4402

Inverse Universe

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



104.5370, 19.4553, 60.0421



117.9060, 30.1193, 93.0444



136.6190, 4.1318, -65.4409



81.3750, 1.2941, 4.9331



57.5040, 26.3735, 81.1190



8.8150, 4.0352, 12.4402

Previews

White Background



This preview shows how the YUV color 104.5370, 19.4553, 60.0421 looks on a white background.

Color Contrast Check

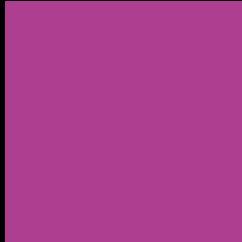
Large Text (above 18pt) WCAG AA ✓ Pass

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 104.5370, 19.4553, 60.0421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

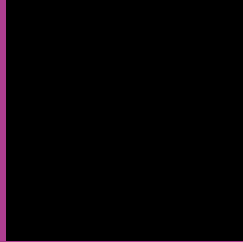
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 104.5370, 19.4553, 60.0421

Background



This preview shows how black text looks on a background with the YUV color 104.5370, 19.4553, 60.0421.



This preview shows how white text looks on a background with the YUV color 104.5370, 19.4553,

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

104.5370, 19.4553, 60.0421

Protanopia

104.0640, 36.4504, -24.6121

Deuteranopia

107.1530, 14.7146, -6.2732



Tritanopia

105.2950, -10.4984, 54.1153

Trichromacy



Original Color

104.5370, 19.4553, 60.0421

Protanomaly

104.3560, 30.3905, 5.8268

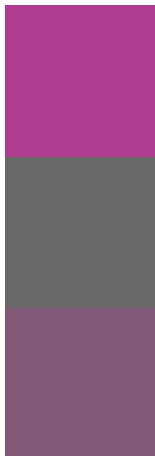
Deuteranomaly

106.1760, 16.6752, 18.2626

Tritanomaly

104.8790, 0.5527, 56.2341

Monochromacy



Original Color

104.5370, 19.4553, 60.0421

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

104.6790, 7.0603, 22.2065

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.5370, 19.4553, 60.0421 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(173, 62, 144)` looks like.

```
.text, #text, p{  
    color:rgb(173, 62, 144)  
}
```

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(173, 62, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 62, 144) }
```

Border

The CSS property to change the border of an element to YUV 104.5370, 19.4553, 60.0421 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(173, 62, 144) }
```


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

```
.border{ border-color:rgb(173, 62, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 62, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 62, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 62, 144);  
box-shadow:4px 4px 4px 4px rgb(173, 62,  
144) }
```

Background

The CSS property to change the background color of an element to YUV 104.5370, 19.4553, 60.0421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 62, 144) }
```

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

```
.background{ background-color: rgb(173, 62,  
144) }
```

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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