

Converting Colors

YUV(104.6930, 9.5184, 73.9372)

Have a look what the booklet for
YUV(104.6930, 9.5184, 73.9372)
contains.

YUV(104.6930, 9.5184, 73.9372)	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(104.6930, 9.5184,
73.9372)**

Conversions

Conversions Part 1

Format	Color
Hex	BD3A7C
RGB	189, 58, 124
RGB Percent	74%, 23%, 49%
CMY	0.2588, 0.7725, 0.5137
CMYK	0.00, 0.69, 0.34, 0.26
HSL	330°, 53%, 48%
HSV	330°, 69%, 74%
XYZ	26.1374, 15.3002, 20.6444
YIQ	104.6930, 56.8900, 48.2980

Conversions

Conversions Part 2

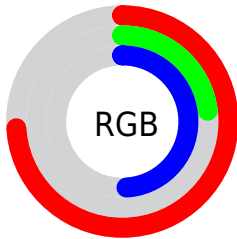
Format	Color
R_{YB}	189, 58, 124
Decimal	12401276
CIE _{Lab}	46.04, 57.72, -7.93
CIE _{LCh}	46, 58.263, 352.180
Yxy	15.3002, 0.4210, 0.2465
Android (android.graphics.Color)	4290591356 (0xFFBD3A7C)
YUV	104.6930, 9.5184, 73.9372
Hunter-Lab	39.1154, 50.8239, -3.9114

Details

The YUV color **104.6930, 9.5184, 73.9372** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **142.3070, -9.5184, -73.9372**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.4330, 7.1815, 76.7963**, and **47.7190, 13.4495, 73.0374** is the 20% darker color. If you saturate the color by 10%, you get **92.5140, 11.0856, 84.6182**, and if you desaturate by 10%, it is **116.8720, 7.9511, 63.2563**.

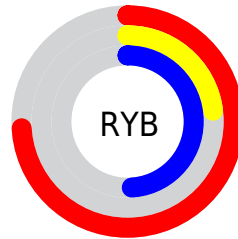
Distribution



Red (74%)

Green (23%)

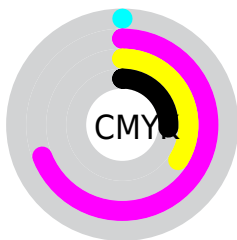
Blue (49%)



Red (74%)

Yellow (23%)

Blue (49%)

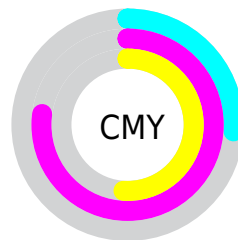


Cyan (0%)

Magenta (69%)

Yellow (34%)

Black (26%)



Cyan (26%)

Magenta (77%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.6930, 9.5184, 73.9372 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 104.6930, 9.5184, 73.9372 by changing the saturation by 10% instead.

104.6930, 9.5184,
73.9372

104.6930, 9.5184,
73.9372

255.0000, 0.0000,
0.0000

73.2140, 12.7125,
76.1113

161.4330, 7.1815,
76.7963

47.7190, 13.4495,
73.0374

182.8550, 10.4245,
63.2712

36.8390, 7.9674,
58.0232

202.4830, 14.5519,
46.0574

26.0730, 2.9220,
42.9090

222.1280, 16.2059,
28.8287

15.5200, -5.1864,
30.2390

239.1510, 7.8136,
13.8996

0.0000, 0.0000,
0.0000

■ 104.6930, 9.5184,
73.9372

■ 104.6930, 9.5184,
73.9372

■ 92.5140, 11.0856,
84.6182

■ 116.8720, 7.9511,
63.2563

■ 80.2210, 12.2160,
95.3992

■ 129.1650, 6.8207,
52.4753

■ 68.0420, 13.7833,
106.0802

■ 141.3440, 5.2534,
41.7943

■ 67.3410, 13.6359,
106.6949

■ 153.6370, 4.1230,
31.0134

■ 165.8160, 2.5557,
20.3324

■ 177.4080, 1.2779,
10.1662

■ 189.7010, 0.1474,
-0.6148

■ 201.8800, -1.4198,

-11.2958

■ 214.0590, -2.9871,
-21.9767

Harmonies

Analogous

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



111.5110, 28.8351, 38.1399



104.6930, 9.5184, 73.9372



102.3630, -13.4900, 80.3656

Triad

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



104.6930, 9.5184, 73.9372



97.6820, -48.1572, -0.5981



96.3400, 44.2024, -84.4902

Complementary

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



104.6930, 9.5184, 73.9372



142.3070, -9.5184, -73.9372

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.



93.4270, 25.4255, -81.9355



104.6930, 9.5184, 73.9372



85.2570, -20.3397, -56.3534

Square

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



104.6930, 9.5184, 73.9372



102.3320, -50.4497, 34.7888



87.0260, 3.4382, -76.3218



93.3370, 55.5429, -81.8565

Rectangle

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



104.6930, 9.5184, 73.9372



103.5840, -28.8819, 70.5248



87.0260, 3.4382, -76.3218



96.1460, 38.3820, -84.3200

Sweetspot

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



104.6930, 9.5184, 73.9372



211.5120, 3.6916, 29.3690



91.7710, 47.9339, 25.6338



102.6800, 2.1298, 16.9436



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



104.6930, 9.5184, 73.9372



114.3250, 14.6298, 114.6020



97.3970, -18.4367, 80.3358



88.2610, 0.8573, 5.0331



56.3620, 11.6535, 89.1365



10.9790, 1.9824, 17.5584

Inverse Universe

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



104.6930, 9.5184, 73.9372



114.3250, 14.6298, 114.6020



149.6030, 18.4367, -80.3358



88.2610, 0.8573, 5.0331



56.3620, 11.6535, 89.1365



10.9790, 1.9824, 17.5584

Previews

White Background



This preview shows how the YUV color 104.6930, 9.5184, 73.9372 looks on a white background.

Color Contrast Check

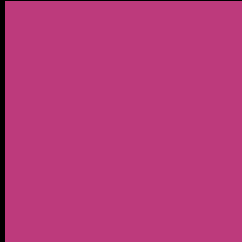
Large Text (above 18pt) WCAG AA ✓ Pass

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 104.6930, 9.5184, 73.9372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

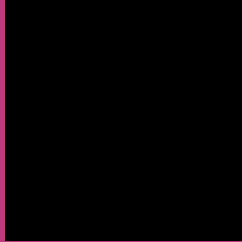
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 104.6930, 9.5184, 73.9372

Background



This preview shows how black text looks on a background with the YUV color 104.6930, 9.5184, 73.9372.



This preview shows how white text looks on a background with the YUV color 104.6930, 9.5184,

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

104.6930, 9.5184, 73.9372

Protanopia

109.5140, 23.9036, -13.6058

Deuteranopia

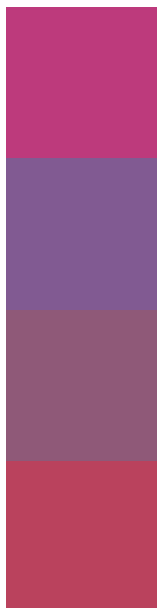
111.1300, 2.8939, 5.1480



Tritanopia

104.9550, -14.7678, 70.1995

Trichromacy



Original Color

104.6930, 9.5184, 73.9372

Protanomaly

108.0450, 18.7118, 18.3775

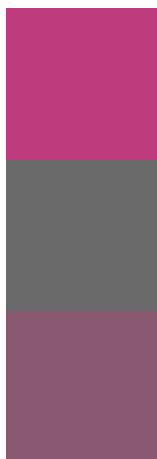
Deuteranomaly

108.6800, 5.5808, 30.0986

Tritanomaly

104.9580, -5.8953, 71.0738

Monochromacy



Original Color

104.6930, 9.5184, 73.9372

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

105.0880, 3.4076, 27.1098

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.6930, 9.5184, 73.9372 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(189, 58, 124)` looks like.

```
.text, #text, p{  
    color:rgb(189, 58, 124)  
}
```

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(189, 58, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 58, 124) }
```

Border

The CSS property to change the border of an element to YUV 104.6930, 9.5184, 73.9372 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(189, 58, 124) }
```


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

```
.border{ border-color:rgb(189, 58, 124) }
```

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

Here you see how a box with a 4 pixel rgb(189, 58, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 58, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 58, 124);  
box-shadow:4px 4px 4px 4px rgb(189, 58,  
124) }
```

Background

The CSS property to change the background color of an element to YUV 104.6930, 9.5184, 73.9372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 58, 124) }
```

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

```
.background{ background-color: rgb(189, 58,  
124) }
```

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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