

Converting Colors

YUV(104.6770, 0.1592, 42.3793)

Have a look what the booklet for
YUV(104.6770, 0.1592, 42.3793)
contains.

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Color

**YUV(104.6770, 0.1592,
42.3793)**

Conversions

Conversions Part 1

Format	Color
Hex	995069
RGB	153, 80, 105
RGB Percent	60%, 31%, 41%
CMY	0.4000, 0.6863, 0.5882
CMYK	0.00, 0.48, 0.31, 0.40
HSL	339°, 31%, 46%
HSV	339°, 48%, 60%
XYZ	18.5553, 13.5295, 14.9981
YIQ	104.6770, 35.4830, 23.2510

Conversions

Conversions Part 2

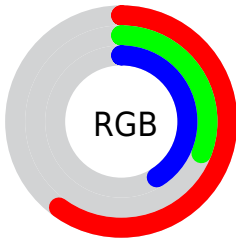
Format	Color
R_{YB}	153, 80, 105
Decimal	10047593
CIE Lab	43.55, 33.37, -0.62
CIE LCh	44, 33.377, 358.943
Yxy	13.5295, 0.3941, 0.2874
Android (android.graphics.Color)	4288237673 (0xFF995069)
YUV	104.6770, 0.1592, 42.3793
Hunter-Lab	36.7825, 25.6768, 1.5723

Details

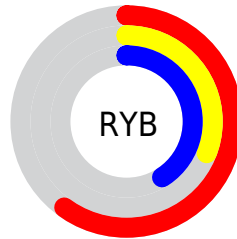
The YUV color **104.6770, 0.1592, 42.3793** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **128.3230, -0.1592, -42.3793**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.1720, -0.5778, 45.4532**, and **54.4100, 1.7699, 39.1054** is the 20% darker color. If you saturate the color by 10%, you get **94.7320, 0.1321, 51.1010**, and if you desaturate by 10%, it is **114.6220, 0.1864, 33.6575**.

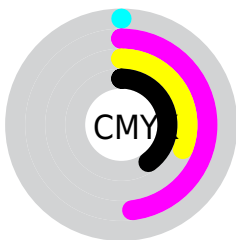
Distribution



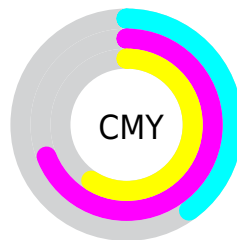
- Red (60%)
- Green (31%)
- Blue (41%)



- Red (60%)
- Yellow (31%)
- Blue (41%)



- Cyan (0%)
- Magenta (48%)
- Yellow (31%)
- Black (40%)



- Cyan (40%)
- Magenta (69%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.6770, 0.1592, 42.3793 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 104.6770, 0.1592, 42.3793 by changing the saturation by 10% instead.

■ 104.6770, 0.1592,
42.3793

■ 104.6770, 0.1592,
42.3793

■ 255.0000, 0.0000,
0.0000

■ 79.1930, 0.8909,
41.0497

■ 157.1720, -0.5778,
45.4532

■ 54.4100, 1.7699,
39.1054

■ 184.7700, -0.8726,
46.6827

■ 28.6920, 4.0958,
39.7351

■ 208.8940, 1.0383,
40.4350

■ 16.6600, -0.8184,
29.2392

■ 228.5220, 5.1657,
23.2212

■ 4.1860, -2.0637,
8.6069

■ 247.3690, 3.7621,
6.6924

■ 0.0000, 0.0000,
0.0000

■ 104.6770, 0.1592,
42.3793

■ 104.6770, 0.1592,
42.3793

■ 94.7320, 0.1321,
51.1010

■ 114.6220, 0.1864,
33.6575

■ 84.2000, 0.3944,
60.3376

■ 125.1540, -0.0759,
24.4209

■ 74.2550, 0.3673,
69.0594

■ 135.0990, -0.0488,
15.6992

■ 64.3100, 0.3402,
77.7811

■ 145.0440, -0.0217,
6.9774

■ 54.3650, 0.3131,
86.5029

■ 155.5760, -0.2840,
-2.2592

■ 51.6750, 0.1602,
88.8620

■ 165.5210, -0.2569,
-10.9809

■ 175.4660, -0.2297,
-19.7027

■ 185.4110, -0.2026,

-28.4244

■ 196.0570, -0.0281,
-37.7610

Harmonies

Analogous

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



106.1940, 12.7224, 26.1399



104.6770, 0.1592, 42.3793



103.0720, -12.3605, 44.6639

Triad

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



104.6770, 0.1592, 42.3793



97.5330, -21.9548, -4.8524



83.4310, 32.8185, -73.1690

Complementary

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



104.6770, 0.1592, 42.3793



128.3230, -0.1592, -42.3793

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.



83.3850, 22.4882, -73.1286



104.6770, 0.1592, 42.3793



93.1690, -9.9433, -30.8432

Square

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



104.6770, 0.1592, 42.3793



100.4110, -26.8246, 17.1796



80.1930, 10.2579, -70.3293



95.7820, 30.6735, -38.3968

Rectangle

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



104.6770, 0.1592, 42.3793



102.6770, -20.0538, 38.8713



80.1930, 10.2579, -70.3293



83.9210, 29.6189, -73.5987

Sweetspot

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



104.6770, 0.1592, 42.3793



180.5120, 0.2406, 16.2140



102.3750, 24.9581, 21.5961



88.3540, -0.1745, 9.3365



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



104.6770, 0.1592, 42.3793



124.1190, -0.0587, 65.6706



108.2840, -13.9440, 39.2159



71.6200, -0.3057, 4.7183



47.3320, 0.3293, 81.2698



4.3430, -0.1691, 7.5922

Inverse Universe

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



104.6770, 0.1592, 42.3793



124.1190, -0.0587, 65.6706



124.7160, 13.9440, -39.2159



71.6200, -0.3057, 4.7183



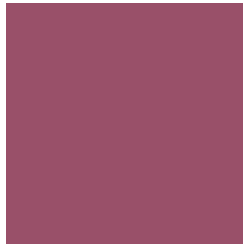
47.3320, 0.3293, 81.2698



4.3430, -0.1691, 7.5922

Previews

White Background



This preview shows how the YUV color 104.6770, 0.1592, 42.3793 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 104.6770, 0.1592, 42.3793 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

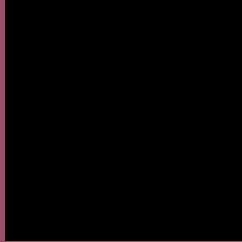
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 104.6770, 0.1592, 42.3793

Background



This preview shows how black text looks on a background with the YUV color 104.6770, 0.1592, 42.3793.



This preview shows how white text looks on a background with the YUV color 104.6770, 0.1592,

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

104.6770, 0.1592, 42.3793

Protanopia

104.2260, 7.2836, -2.8292

Deuteranopia

104.4140, -1.1901, 8.4069



Tritanopia

104.3150, -7.5503, 41.8197

Trichromacy



Original Color

104.6770, 0.1592, 42.3793

Protanomaly

104.6410, 4.6140, 13.4698

Deuteranomaly

104.6050, -0.7913, 20.5174

Tritanomaly

104.4120, -4.6401, 41.7347

Monochromacy



Original Color

104.6770, 0.1592, 42.3793

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

104.8000, 0.0986, 15.0844

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.6770, 0.1592, 42.3793 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(153, 80, 105)` looks like.

```
.text, #text, p{  
    color:rgb(153, 80, 105)  
}
```

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(153, 80, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 80, 105) }
```

Border

The CSS property to change the border of an element to YUV 104.6770, 0.1592, 42.3793 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(153, 80, 105) }
```


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

```
.border{ border-color:rgb(153, 80, 105) }
```

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

Here you see how a box with a 4 pixel rgb(153, 80, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 80, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 80, 105);  
box-shadow:4px 4px 4px 4px rgb(153, 80,  
105) }
```

Background

The CSS property to change the background color of an element to YUV 104.6770, 0.1592, 42.3793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 80, 105) }
```

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

```
.background{ background-color: rgb(153, 80,  
105) }
```

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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