

Converting Colors

YUV(94.9690, 0.5083, 23.7062)

Have a look what the booklet for
YUV(94.9690, 0.5083, 23.7062)
contains.

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Color

**YUV(94.9690, 0.5083,
23.7062)**

Conversions

Conversions Part 1

Format	Color
Hex	7A5160
RGB	122, 81, 96
RGB Percent	48%, 32%, 38%
CMY	0.5216, 0.6824, 0.6235
CMYK	0.00, 0.34, 0.21, 0.52
HSL	338°, 20%, 40%
HSV	338°, 34%, 48%
XYZ	13.0798, 10.8670, 12.4745
YIQ	94.9690, 19.6210, 13.3570

Conversions

Conversions Part 2

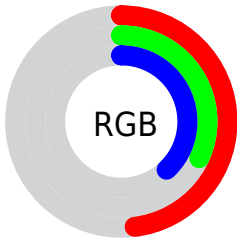
Format	Color
R_{YB}	122, 81, 96
Decimal	8016224
CIE _{Lab}	39.36, 19.54, -1.70
CIE _{LCh}	39, 19.614, 355.038
Yxy	10.8670, 0.3591, 0.2984
Android (android.graphics.Color)	4286206304 (0xFF7A5160)
YUV	94.9690, 0.5083, 23.7062
Hunter-Lab	32.9651, 13.1358, 0.6393

Details

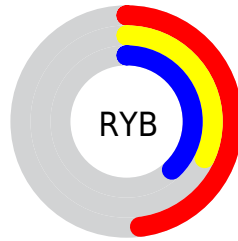
The YUV color **94.9690, 0.5083, 23.7062** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **108.0310, -0.5083, -23.7062**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.8660, 0.0661, 25.5505**, and **47.7730, 1.0979, 21.2471** is the 20% darker color. If you saturate the color by 10%, you get **87.0130, 0.4866, 30.6836**, and if you desaturate by 10%, it is **102.9250, 0.5300, 16.7288**.

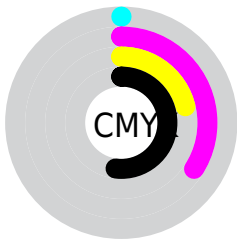
Distribution



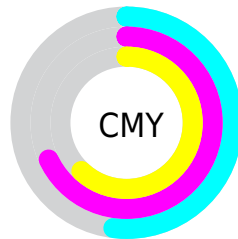
- Red (48%)
- Green (32%)
- Blue (38%)



- Red (48%)
- Yellow (32%)
- Blue (38%)



- Cyan (0%)
- Magenta (34%)
- Yellow (21%)
- Black (52%)



- Cyan (52%)
- Magenta (68%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.9690, 0.5083, 23.7062 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 94.9690, 0.5083, 23.7062 by changing the saturation by 10% instead.

■ 94.9690, 0.5083,
23.7062

■ 94.9690, 0.5083,
23.7062

■ 255.0000, 0.0000,
0.0000

■ 71.2570, 0.3663,
22.5766

■ 145.8660, 0.0661,
25.5505

■ 47.7730, 1.0979,
21.2471

■ 172.5780, 0.2080,
26.6801

■ 26.1750, 1.3927,
20.0175

■ 199.8770, 0.0606,
27.2949

■ 9.1980, -3.5486,
18.2434

■ 226.6810, 0.6503,
24.8358

■ 0.0000, 0.0000,
0.0000

■ 246.1950, 4.3409,
7.7220

■ 94.9690, 0.5083,
23.7062

■ 94.9690, 0.5083,
23.7062

■ 87.0130, 0.4866,
30.6836

■ 102.9250, 0.5300,
16.7288

■ 79.1710, 0.9017,
37.5610

■ 110.7670, 0.1149,
9.8513

■ 70.6280, 1.1694,
45.0532

■ 119.3100, -0.1528,
2.3591

■ 62.6720, 1.1477,
52.0307

■ 127.2660, -0.1311,
-4.6183

■ 54.7160, 1.1260,
59.0081

■ 135.2220, -0.1094,
-11.5957

■ 46.8740, 1.5411,
65.8855

■ 143.0640, -0.5246,
-18.4731

■ 41.6080, 1.6723,
70.5038

■ 151.0200, -0.5029,
-25.4505

■ 159.5630, -0.7706,

-32.9428

■ 167.5190, -0.7489,
-39.9202

Harmonies

Analogous

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



95.1510, 7.8136, 13.8996



94.9690, 0.5083, 23.7062



94.3300, -7.0647, 26.0206

Triad

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



94.9690, 0.5083, 23.7062



90.4440, -13.5299, -0.3894



85.6180, 15.9643, -33.8680

Complementary

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



94.9690, 0.5083, 23.7062



108.0310, -0.5083, -23.7062

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.



83.6300, 11.0284, -37.3865



94.9690, 0.5083, 23.7062



88.0770, -6.9400, -14.0995

Square

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



94.9690, 0.5083, 23.7062



92.0650, -15.3150, 12.2210



85.2800, 1.8340, -28.3096



90.2330, 16.6471, -19.4983

Rectangle

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



94.9690, 0.5083, 23.7062



93.5810, -11.1324, 24.0465



85.2800, 1.8340, -28.3096



84.6670, 14.9542, -36.5420

Sweetspot

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



94.9690, 0.5083, 23.7062



147.4680, 0.2623, 9.2366



93.4480, 14.0761, 11.8851



73.0330, -0.0163, 5.2331



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



94.9690, 0.5083, 23.7062



116.4590, 0.7597, 36.4315



96.1940, -7.4906, 22.6319



57.0220, -0.0108, 3.4887



42.6190, 1.6668, 72.2481



85.8360, 3.0389, 145.7258

Inverse Universe

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



94.9690, 0.5083, 23.7062



116.4590, 0.7597, 36.4315



106.8060, 7.4906, -22.6319



57.0220, -0.0108, 3.4887



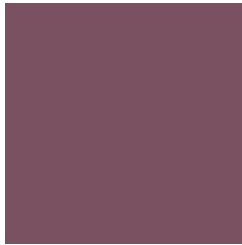
42.6190, 1.6668, 72.2481



85.8360, 3.0389, 145.7258

Previews

White Background



This preview shows how the YUV color 94.9690, 0.5083, 23.7062 looks on a white background.

Color Contrast Check

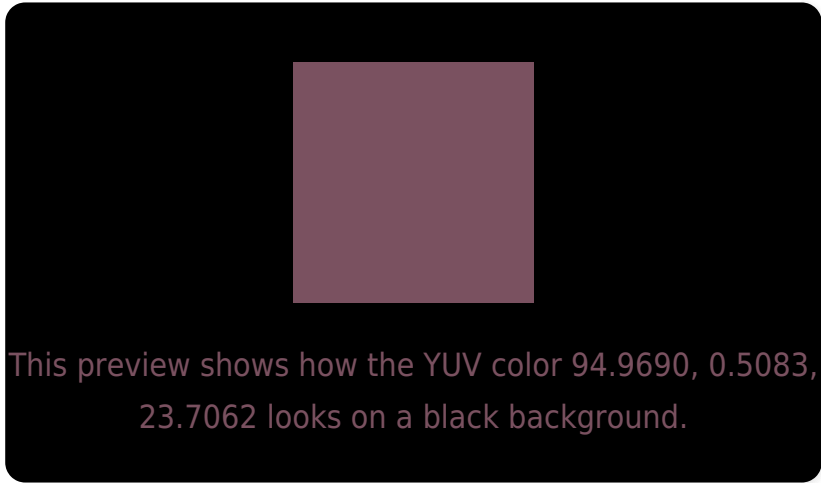
Large Text (above 18pt) WCAG AA ✓ Pass

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 94.9690, 0.5083, 23.7062

Background



This preview shows how black text looks on a background with the YUV color 94.9690, 0.5083, 23.7062.



This preview shows how white text looks on a background with the YUV color 94.9690, 0.5083,

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

94.9690, 0.5083, 23.7062

Protanopia

93.2540, 4.8048, -1.0998

Deuteranopia

93.7450, 0.1257, 6.3626



Tritanopia

94.4590, -2.6913, 23.2765

Trichromacy



Original Color

94.9690, 0.5083, 23.7062

Protanomaly

93.8530, 3.0305, 8.0219

Deuteranomaly

94.4900, 0.2514, 12.7253

Tritanomaly

94.8010, -1.3809, 22.9765

Monochromacy



Original Color

94.9690, 0.5083, 23.7062

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

95.0550, -0.0271, 8.7218

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.9690, 0.5083, 23.7062 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(122, 81, 96)` looks like.

```
.text, #text, p{  
    color:rgb(122, 81, 96)  
}
```

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(122, 81, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 81, 96) }
```

Border

The CSS property to change the border of an element to YUV 94.9690, 0.5083, 23.7062 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(122, 81, 96) }
```


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

```
.border{ border-color:rgb(122, 81, 96) }
```

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

Here you see how a box with a 4 pixel rgb(122, 81, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 81, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 81, 96);  
box-shadow:4px 4px 4px 4px rgb(122, 81,  
96) }
```

Background

The CSS property to change the background color of an element to YUV 94.9690, 0.5083, 23.7062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 81, 96) }
```

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

```
.background{ background-color: rgb(122, 81,  
96) }
```

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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