

Converting Colors

YUV(95.7610, -7.2772, 47.5676)

Have a look what the booklet for
YUV(95.7610, -7.2772, 47.5676)
contains.

YUV(95.7610, -7.2772, 47.5676)	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(95.7610, -7.2772,
47.5676)**

Conversions

Conversions Part 1

Format	Color
Hex	964751
RGB	150, 71, 81
RGB Percent	59%, 28%, 32%
CMY	0.4118, 0.7216, 0.6824
CMYK	0.00, 0.53, 0.46, 0.41
HSL	352°, 36%, 43%
HSV	352°, 53%, 59%
XYZ	16.3161, 11.5846, 9.1607
YIQ	95.7610, 43.8740, 19.8580

Conversions

Conversions Part 2

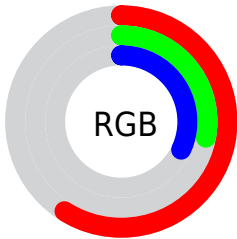
Format	Color
RYB	150, 71, 81
Decimal	9848657
CIELab	40.55, 34.14, 9.86
CIElCh	41, 35.537, 16.109
Yxy	11.5846, 0.4402, 0.3126
Android (android.graphics.Color)	4288038737 (0xFF964751)
YUV	95.7610, -7.2772, 47.5676
Hunter-Lab	34.0361, 26.0054, 7.8677

Details

The YUV color **95.7610, -7.2772, 47.5676** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **125.2390, 7.2772, -47.5676**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.3270, -9.0352, 51.4562**, and **44.9500, -3.9194, 43.8939** is the 20% darker color. If you saturate the color by 10%, you get **85.4740, -8.6147, 56.5893**, and if you desaturate by 10%, it is **106.0480, -5.9397, 38.5459**.

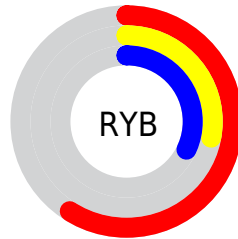
Distribution



Red (59%)

Green (28%)

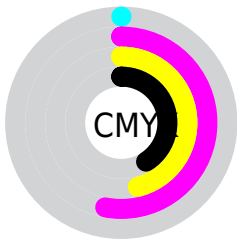
Blue (32%)



Red (59%)

Yellow (28%)

Blue (32%)

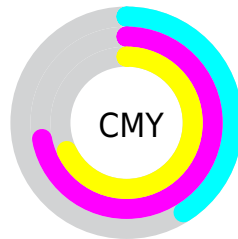


Cyan (0%)

Magenta (53%)

Yellow (46%)

Black (41%)



Cyan (41%)

Magenta (72%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.7610, -7.2772, 47.5676 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 95.7610, -7.2772, 47.5676 by changing the saturation by 10% instead.

■ 95.7610, -7.2772,
47.5676

■ 95.7610, -7.2772,
47.5676

255.0000, 0.0000,
0.0000

■ 70.0920, -5.9614,
45.5233

■ 148.3270, -9.0352,
51.4562

■ 44.9500, -3.9194,
43.8939

■ 175.2240, -9.4774,
53.3006

■ 22.4550, -3.1823,
40.8200

■ 199.8320, -8.2982,
48.3823

■ 14.1670, -6.4913,
28.7945

■ 219.4600, -4.1708,
31.1686

■ 0.0000, 0.0000,
0.0000

■ 239.6750, -0.3328,
13.4400

■ 95.7610, -7.2772,
47.5676

■ 95.7610, -7.2772,
47.5676

■ 85.4740, -8.6147,
56.5893

■ 106.0480, -5.9397,
38.5459

■ 75.1870, -9.9522,
65.6110

■ 116.3350, -4.6022,
29.5242

■ 64.9000, -11.2897,
74.6327

■ 126.6220, -3.2646,
20.5025

■ 54.6130, -12.6272,
83.6544

■ 136.9090, -1.9271,
11.4808

■ 47.0160, -13.8119,
90.3170

■ 147.3100, -0.1528,
2.3591

■ 157.5970, 1.1847,
-6.6626

■ 167.8840, 2.5222,
-15.6843

■ 178.1710, 3.8597,

-24.7060

■ 188.4580, 5.1972,
-33.7277

Harmonies

Analogous

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



97.2620, 6.2798, 39.2352



95.7610, -7.2772, 47.5676



94.8130, -19.6278, 42.2600

Triad

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



95.7610, -7.2772, 47.5676



87.5140, -16.5224, -20.6218



77.7890, 36.5860, -68.2210

Complementary

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



95.7610, -7.2772, 47.5676



125.2390, 7.2772, -47.5676

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.



79.0140, 28.5871, -69.2953



95.7610, -7.2772, 47.5676



73.2170, 3.8370, -64.2113

Square

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



95.7610, -7.2772, 47.5676



91.3340, -26.7867, 4.9691



77.2240, 16.6516, -67.7254



93.9310, 28.1350, -17.4795

Rectangle

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



95.7610, -7.2772, 47.5676



94.4390, -25.8524, 32.0640



77.2240, 16.6516, -67.7254



78.5070, 34.2600, -68.8506

Sweetspot

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



95.7610, -7.2772, 47.5676



172.7250, -2.8224, 18.6582



100.3380, 24.4834, 33.9066



84.0230, -1.4903, 11.3808



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



95.7610, -7.2772, 47.5676



110.1880, -11.4317, 73.5031



111.6440, -20.0375, 33.6382



69.0930, -1.0318, 4.3034



43.2000, -12.9166, 83.1396



3.1040, -1.0373, 6.0478

Inverse Universe

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



95.7610, -7.2772, 47.5676



110.1880, -11.4317, 73.5031



109.3560, 20.0375, -33.6382



69.0930, -1.0318, 4.3034



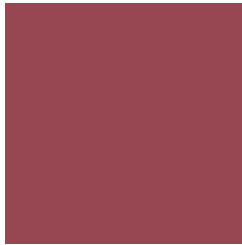
43.2000, -12.9166, 83.1396



3.1040, -1.0373, 6.0478

Previews

White Background



This preview shows how the YUV color 95.7610, -7.2772, 47.5676 looks on a white background.

Color Contrast Check

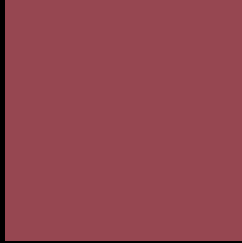
Large Text (above 18pt) WCAG AA ✓ Pass

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 95.7610, -7.2772, 47.5676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

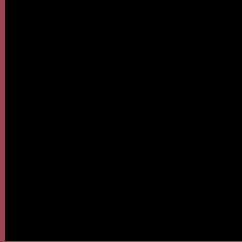
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 95.7610, -7.2772, 47.5676

Background



This preview shows how black text looks on a background with the YUV color 95.7610, -7.2772, 47.5676.



This preview shows how white text looks on a background with the YUV color 95.7610, -7.2772,

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

95.7610, -7.2772, 47.5676

Protanopia

96.3700, -1.1684, 1.4295

Deuteranopia

96.2700, -9.5001, 13.7952



Tritanopia

95.8920, -9.3138, 47.4527

Trichromacy



Original Color

95.7610, -7.2772, 47.5676

Protanomaly

96.1980, -3.5486, 18.2434

Deuteranomaly

95.8740, -8.8119, 26.4205

Tritanomaly

96.0060, -8.8770, 47.3527

Monochromacy



Original Color

95.7610, -7.2772, 47.5676

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

96.1270, -2.5276, 17.4286

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.7610, -7.2772, 47.5676 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(150, 71, 81)` looks like.

```
.text, #text, p{  
    color:rgb(150, 71, 81)  
}
```

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(150, 71, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 71, 81) }
```

Border

The CSS property to change the border of an element to YUV 95.7610, -7.2772, 47.5676 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(150, 71, 81) }
```


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

```
.border{ border-color:rgb(150, 71, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 71, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 71, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 71, 81);  
box-shadow:4px 4px 4px 4px rgb(150, 71,  
81) }
```

Background

The CSS property to change the background color of an element to YUV 95.7610, -7.2772, 47.5676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 71, 81) }
```

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

```
.background{ background-color: rgb(150, 71,  
81) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor