

Converting Colors

YUV(122.2640, -23.7942,
25.2015)

Have a look what the booklet for
YUV(122.2640, -23.7942, 25.2015)
contains.

YUV(122.2640, -23.7942, 25.2015)	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(122.2640, -23.7942,
25.2015)**

Conversions

Conversions Part 1

Format	Color
Hex	97754A
RGB	151, 117, 74
RGB Percent	59%, 46%, 29%
CMY	0.4078, 0.5412, 0.7098
CMYK	0.00, 0.23, 0.51, 0.41
HSL	34°, 34%, 44%
HSV	34°, 51%, 59%
XYZ	20.3598, 19.7963, 9.2266
YIQ	122.2640, 34.0670, -6.1650

Conversions

Conversions Part 2

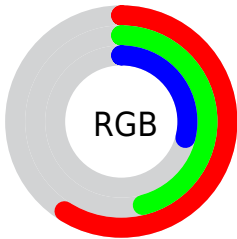
Format	Color
RYB	135, 151, 74
Decimal	9925962
CIELab	51.61, 7.76, 28.72
CIELCh	52, 29.747, 74.874
Yxy	19.7963, 0.4123, 0.4009
Android (android.graphics.Color)	4288116042 (0xFF97754A)
YUV	122.2640, -23.7942, 25.2015
Hunter-Lab	44.4930, 3.8180, 18.8501

Details

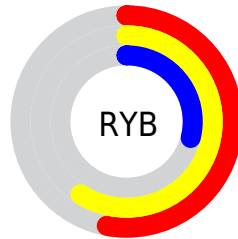
The YUV color **122.2640, -23.7942, 25.2015** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **102.7360, 23.7942, -25.2015**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.1180, -25.6942, 27.9605**, and **72.9970, -22.1835, 21.9276** is the 20% darker color. If you saturate the color by 10%, you get **116.4450, -28.3204, 30.3047**, and if you desaturate by 10%, it is **128.0830, -19.2679, 20.0982**.

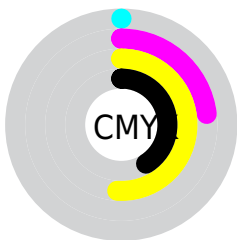
Distribution



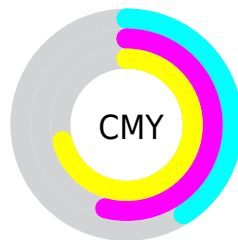
- Red (59%)
- Green (46%)
- Blue (29%)



- Red (53%)
- Yellow (59%)
- Blue (29%)



- Cyan (0%)
- Magenta (23%)
- Yellow (51%)
- Black (41%)



- Cyan (41%)
- Magenta (54%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.2640, -23.7942, 25.2015 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 122.2640, -23.7942, 25.2015 by changing the saturation by 10% instead.

■ 122.2640,
-23.7942, 25.2015

■ 122.2640,
-23.7942, 25.2015

255.0000, 0.0000,
0.0000

■ 96.8940, -22.6257,
23.7720

■ 175.1180,
-25.6942, 27.9605

■ 72.9970, -22.1835,
21.9276

■ 202.7160,
-25.9890, 29.1901

■ 49.6870, -22.0307,
19.5685

■ 227.7970,
-25.5359, 23.8570

■ 29.6140, -14.5997,
16.1245

■ 248.0120,
-21.6979, 6.1285

■ 7.1760, -3.5378,
14.7546

■ 252.3780,
-10.0464, 2.2995

■ 0.0000, 0.0000,
0.0000

■ 122.2640,
-23.7942, 25.2015

■ 122.2640,
-23.7942, 25.2015

■ 116.4450,
-28.3204, 30.3047

■ 128.0830,
-19.2679, 20.0982

■ 111.2130,
-33.1360, 34.8932

■ 133.3150,
-14.4523, 15.5097

■ 105.3940,
-37.6622, 39.9965

■ 139.1340, -9.9261,
10.4065

■ 99.5750, -42.1885,
45.0997

■ 144.9530, -5.3998,
5.3032

■ 94.4570, -46.5673,
49.5882

■ 150.2990, -0.1474,
0.6148

■ 156.1180, 4.3788,
-4.4885

■ 161.9370, 8.9051,
-9.5917

■ 167.1690, 13.7207,

-14.1802

■ 172.9880, 18.2469,
-19.2835

Harmonies

Analogous

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



123.9480, -17.7224, 37.7566



122.2640, -23.7942, 25.2015



119.6700, -23.0083, 6.4284

Triad

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



122.2640, -23.7942, 25.2015



104.4800, 15.0464, -66.1960



126.3280, 16.1073, 13.7443

Complementary

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



122.2640, -23.7942, 25.2015



102.7360, 23.7942, -25.2015

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.



122.6280, 24.3404, -13.7058



122.2640, -23.7942, 25.2015



102.6390, 27.2930, -74.2284

Square

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



122.2640, -23.7942, 25.2015



111.9920, -1.4751, -40.3350



114.1680, 28.5112, -44.8743



126.2890, 5.2805, 33.0725

Rectangle

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



122.2640, -23.7942, 25.2015



118.0210, -18.7444, -7.9114



114.1680, 28.5112, -44.8743



125.4840, 19.4814, 4.8375

Sweetspot

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



122.2640, -23.7942, 25.2015



185.0630, -8.9051, 9.5917



101.0130, 3.9376, 43.8386



92.9530, -5.3998, 5.3032



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.



122.2640, -23.7942, 25.2015



151.3230, -36.6412, 39.1817



141.0260, -33.0438, 5.2392



73.7400, -2.3368, 2.8590



87.6460, -43.2095, 45.9145



7.9960, -3.9420, 4.3885

Inverse Universe

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



102.7360, 23.7942, -25.2015



121.0900, 36.9306, -38.6669



83.9740, 33.0438, -5.2392



71.6730, 2.6262, -2.3442



52.3540, 43.2095, -45.9145



5.0040, 3.9420, -4.3885

Previews

White Background



This preview shows how the YUV color 122.2640, -23.7942, 25.2015 looks on a white 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

Black Background



This preview shows how the YUV color 122.2640, -23.7942, 25.2015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

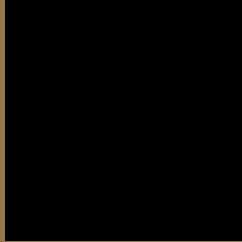
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 122.2640, -23.7942, 25.2015

Background



This preview shows how black text looks on a background with the YUV color 122.2640, -23.7942, 25.2015.



This preview shows how white text looks on a background with the YUV color 122.2640, -23.7942, 25.2015.

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

122.2640, -23.7942, 25.2015

Protanopia

120.9310, -22.1510, 11.4615

Deuteranopia

122.5520, -23.9361, 24.0719



Tritanopia

125.1820, -2.5547, 26.1504

Trichromacy



Original Color

122.2640, -23.7942, 25.2015

Protanomaly

121.4370, -22.8934, 16.2798

Deuteranomaly

122.5520, -23.9361, 24.0719

Tritanomaly

124.1190, -10.4117, 26.2056

Monochromacy



Original Color

122.2640, -23.7942, 25.2015

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

122.1770, -8.4683, 9.4918

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.2640, -23.7942, 25.2015 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(151, 117, 74)` looks like.

```
.text, #text, p{  
    color:rgb(151, 117, 74)  
}
```

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(151, 117, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 117, 74) }
```

Border

The CSS property to change the border of an element to YUV 122.2640, -23.7942, 25.2015 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(151, 117, 74) }
```


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

```
.border{ border-color:rgb(151, 117, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 117, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 117, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 117, 74);  
box-shadow:4px 4px 4px 4px rgb(151, 117,  
74) }
```

Background

The CSS property to change the background color of an element to YUV 122.2640, -23.7942, 25.2015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 117, 74) }
```

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

```
.background{ background-color: rgb(151,  
117, 74) }
```

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