

Converting Colors

YUV(123.7800, -23.0625,
23.8719)

Have a look what the booklet for
YUV(123.7800, -23.0625, 23.8719)
contains.

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Color

**YUV(123.7800, -23.0625,
23.8719)**

Conversions

Conversions Part 1

Format	Color
Hex	97774D
RGB	151, 119, 77
RGB Percent	59%, 47%, 30%
CMY	0.4078, 0.5333, 0.6980
CMYK	0.00, 0.21, 0.49, 0.41
HSL	34°, 32%, 45%
HSV	34°, 49%, 59%
XYZ	20.6989, 20.3088, 9.8502
YIQ	123.7800, 32.5540, -6.2780

Conversions

Conversions Part 2

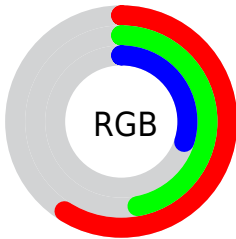
Format	Color
R_{YB}	133, 151, 77
Decimal	9926477
CIE Lab	52.18, 6.92, 27.78
CIE LCh	52, 28.626, 76.009
Yxy	20.3088, 0.4070, 0.3993
Android (android.graphics.Color)	4288116557 (0xFF97774D)
YUV	123.7800, -23.0625, 23.8719
Hunter-Lab	45.0653, 3.1224, 18.5863

Details

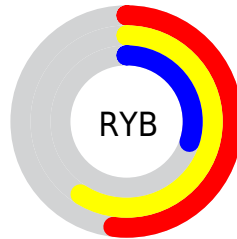
The YUV color **123.7800, -23.0625, 23.8719** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **104.2200, 23.0625, -23.8719**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.7480, -24.5258, 26.5310**, and **74.5130, -21.4519, 20.5981** is the 20% darker color. If you saturate the color by 10%, you get **117.9610, -27.5888, 28.9752**, and if you desaturate by 10%, it is **129.5990, -18.5363, 18.7687**.

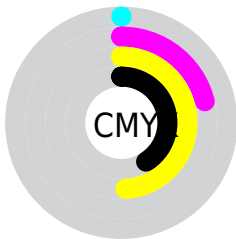
Distribution



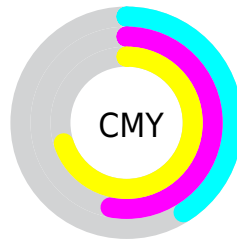
- Red (59%)
- Green (47%)
- Blue (30%)



- Red (52%)
- Yellow (59%)
- Blue (30%)



- Cyan (0%)
- Magenta (21%)
- Yellow (49%)
- Black (41%)



- Cyan (41%)
- Magenta (53%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.7800, -23.0625, 23.8719 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 123.7800, -23.0625, 23.8719 by changing the saturation by 10% instead.

■ 123.7800,
-23.0625, 23.8719

■ 123.7800,
-23.0625, 23.8719

■ 255.0000, 0.0000,
0.0000

■ 98.4100, -21.8941,
22.4424

■ 176.7480,
-24.5258, 26.5310

■ 74.5130, -21.4519,
20.5981

■ 204.2320,
-25.2574, 27.8605

■ 51.0290, -20.7203,
19.2686

■ 229.4270,
-24.3675, 22.4275

■ 30.7880, -15.1785,
15.0949

■ 249.5280,
-20.9663, 4.7989

■ 8.3500, -4.1166,
13.7250

■ 252.8340, -8.2992,
1.8996

■ 0.0000, 0.0000,
0.0000

■ 123.7800,
-23.0625, 23.8719

■ 123.7800,
-23.0625, 23.8719

■ 117.9610,
-27.5888, 28.9752

■ 129.5990,
-18.5363, 18.7687

■ 112.7290,
-32.4044, 33.5637

■ 134.8310,
-13.7207, 14.1802

■ 106.9100,
-36.9306, 38.6669

■ 140.6500, -9.1944,
9.0770

■ 101.6780,
-41.7463, 43.2554

■ 145.8820, -4.3788,
4.4885

■ 95.8590, -46.2725,
48.3587

■ 151.8150, 0.5842,
-0.7148

■ 95.6310, -47.1461,
48.5586

■ 157.0470, 5.3998,
-5.3032

■ 162.8660, 9.9261,
-10.4065

■ 168.0980, 14.7417,

-14.9949

■ 173.9170, 19.2679,
-20.0982

Harmonies

Analogous

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



125.3500, -17.4276, 36.5270



123.7800, -23.0625, 23.8719



121.5990, -21.9873, 5.6137

Triad

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



123.7800, -23.0625, 23.8719



107.9860, 14.3039, -61.3777



127.5130, 15.5231, 14.4591

Complementary

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



123.7800, -23.0625, 23.8719



104.2200, 23.0625, -23.8719

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.



124.2970, 23.0246, -11.6615



123.7800, -23.0625, 23.8719



108.1240, 25.0819, -65.0067

Square

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



123.7800, -23.0625, 23.8719



113.8180, -0.8963, -39.3054



116.8480, 27.1899, -41.0857



127.7620, 4.5543, 32.6577

Rectangle

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



123.7800, -23.0625, 23.8719



119.9500, -17.7233, -8.7261



116.8480, 27.1899, -41.0857



126.8540, 18.3130, 6.2670

Sweetspot

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



123.7800, -23.0625, 23.8719



185.6500, -9.1945, 9.0769



102.7740, 3.0694, 42.2942



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.



123.7800, -23.0625, 23.8719



153.5400, -35.7622, 37.2374



141.0690, -31.5860, 4.3245



73.7400, -2.3368, 2.8590



88.8200, -43.7883, 44.8849



7.9960, -3.9420, 4.3885

Inverse Universe

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



104.2200, 23.0625, -23.8719



123.4600, 35.7622, -37.2374



86.9310, 31.5860, -4.3245



71.6730, 2.6262, -2.3442



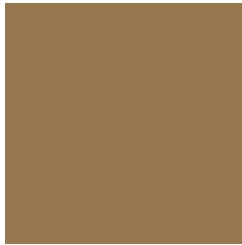
51.7670, 43.4989, -45.3997



5.0040, 3.9420, -4.3885

Previews

White Background



This preview shows how the YUV color 123.7800, -23.0625, 23.8719 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 123.7800, -23.0625, 23.8719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

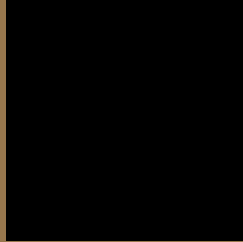
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 123.7800, -23.0625, 23.8719

Background



This preview shows how black text looks on a background with the YUV color 123.7800, -23.0625, 23.8719.



This preview shows how white text looks on a background with the YUV color 123.7800, -23.0625,

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

123.7800, -23.0625, 23.8719

Protanopia

123.0450, -21.7142, 11.3615

Deuteranopia

123.7800, -23.0625, 23.8719



Tritanopia

126.5840, -2.2599, 24.9208

Trichromacy



Original Color

123.7800, -23.0625, 23.8719

Protanomaly

123.2520, -22.3092, 15.5650

Deuteranomaly

123.7800, -23.0625, 23.8719

Tritanomaly

125.6350, -9.6801, 24.8761

Monochromacy



Original Color

123.7800, -23.0625, 23.8719

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

123.8780, -8.3209, 8.8770

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.7800, -23.0625, 23.8719 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, 119, 77)` looks like.

```
.text, #text, p{  
    color:rgb(151, 119, 77)  
}
```

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, 119, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 119, 77) }
```

Border

The CSS property to change the border of an element to YUV 123.7800, -23.0625, 23.8719 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, 119, 77) }
```


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

```
.border{ border-color:rgb(151, 119, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 119, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 119, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 119, 77);  
box-shadow:4px 4px 4px 4px rgb(151, 119,  
77) }
```

Background

The CSS property to change the background color of an element to YUV 123.7800, -23.0625, 23.8719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 119, 77) }
```

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

```
.background{ background-color: rgb(151,  
119, 77) }
```

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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