

Converting Colors

YUV(122.1100, -23.7182,
0.7805)

Have a look what the booklet for
YUV(122.1100, -23.7182, 0.7805)
contains.

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Color

**YUV(122.1100, -23.7182,
0.7805)**

Conversions

Conversions Part 1

Format	Color
Hex	7B834A
RGB	123, 131, 74
RGB Percent	48%, 51%, 29%
CMY	0.5176, 0.4863, 0.7098
CMYK	0.06, 0.00, 0.44, 0.49
HSL	68°, 28%, 40%
HSV	68°, 44%, 51%
XYZ	17.5207, 20.9380, 9.5966
YIQ	122.1100, 13.5290, -19.4230

Conversions

Conversions Part 2

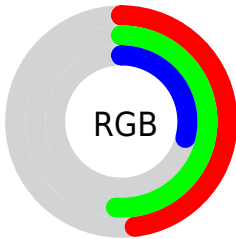
Format	Color
RYB	74, 131, 82
Decimal	8094538
CIELab	52.88, -12.34, 29.76
CIElCh	53, 32.214, 112.529
Yxy	20.9380, 0.3646, 0.4357
Android (android.graphics.Color)	4286284618 (0xFF7B834A)
YUV	122.1100, -23.7182, 0.7805
Hunter-Lab	45.7580, -11.7290, 19.5961

Details

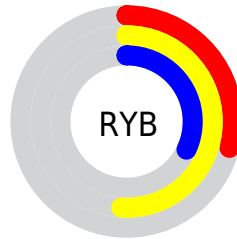
The YUV color $122.1100, -23.7182, 0.7805$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $82.8900, 23.7182, -0.7805$, and the grayscale version is $122.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $174.7680, -25.0286, 1.0805$, and $73.1530, -22.2604, -0.1342$ is the 20% darker color. If you saturate the color by 10%, you get $120.0300, -29.1018, 0.8507$, and if you desaturate by 10%, it is $124.1900, -18.3347, 0.7104$.

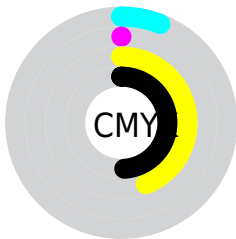
Distribution



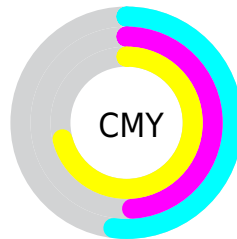
- Red (48%)
- Green (51%)
- Blue (29%)



- Red (29%)
- Yellow (51%)
- Blue (32%)



- Cyan (6%)
- Magenta (0%)
- Yellow (44%)
- Black (49%)



- Cyan (52%)
- Magenta (49%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.1100, -23.7182, 0.7805 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 122.1100, -23.7182, 0.7805 by changing the saturation by 10% instead.

■ 122.1100,
-23.7182, 0.7805

■ 122.1100,
-23.7182, 0.7805

■ 255.0000, 0.0000,
0.0000

■ 96.9250, -23.1340,
0.0658

■ 174.7680,
-25.0286, 1.0805

■ 73.1530, -22.2604,
-0.1342

■ 202.5400,
-25.9022, 1.2804

■ 49.7400, -22.5498,
-0.6490

■ 230.7250,
-26.4864, 1.9952

■ 29.7920, -14.6875,
-2.4486

■ 249.3000,
-21.8399, 4.9989

■ 10.5660, -5.2090,
-9.2664

■ 252.4920, -9.6096,
2.1995

■ 0.0000, 0.0000,
0.0000

■ 122.1100,
-23.7182, 0.7805

■ 122.1100,
-23.7182, 0.7805

■ 120.0300,
-29.1018, 0.8507

■ 124.1900,
-18.3347, 0.7104

■ 117.9500,
-34.4853, 0.9209

■ 126.2700,
-12.9511, 0.6402

■ 115.8700,
-39.8689, 0.9910

■ 128.3500, -7.5675,
0.5701

■ 114.0890,
-45.3999, 1.6759

■ 130.1310, -2.0366,
-0.1149

■ 112.0090,
-50.7834, 1.7461

■ 132.2110, 3.3470,
-0.1850

■ 110.6840,
-54.5672, 2.0311

■ 134.4050, 9.1673,
-0.3552

■ 136.4850, 14.5509,
-0.4253

■ 138.5650, 19.9345,

-0.4955

■ 140.6450, 25.3180,
-0.5657

Harmonies

Analogous

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



124.5580, -26.4041, 22.3126



122.1100, -23.7182, 0.7805



118.1160, -12.8752, -23.7807

Triad

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



122.1100, -23.7182, 0.7805



100.2720, 33.8829, -87.9385



129.2360, 2.3487, 40.1350

Complementary

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



122.1100, -23.7182, 0.7805



82.8900, 23.7182, -0.7805

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.



130.0300, 14.7752, 21.0217



122.1100, -23.7182, 0.7805



118.7600, 30.6843, -41.8855

Square

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



122.1100, -23.7182, 0.7805



99.4110, 22.9684, -87.1834



127.3730, 24.4661, -7.3431



128.1260, -10.9081, 45.4935

Rectangle

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



122.1100, -23.7182, 0.7805



114.3400, -2.6326, -42.3942



127.3730, 24.4661, -7.3431



130.0550, 6.8749, 35.0318

Sweetspot

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



122.1100, -23.7182, 0.7805



167.5950, -9.1673, 0.3552



95.7390, -10.7173, 30.9239



84.8060, -5.8204, 0.1701



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



122.1100, -23.7182, 0.7805



156.9670, -36.9587, 0.9059



113.7380, -19.5908, -16.4332



65.0170, -2.4734, -0.0149



109.7980, -54.1304, 1.9312



2.3590, -1.1630, -0.3148

Inverse Universe

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



82.8900, 23.7182, -0.7805



95.7340, 37.1061, -1.5207



91.2620, 19.5908, 16.4332



60.9830, 2.4734, 0.0149



20.2020, 54.1304, -1.9312



0.3420, 1.3104, -0.2999

Previews

White Background



This preview shows how the YUV color 122.1100, -23.7182, 0.7805 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 122.1100, -23.7182, 0.7805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

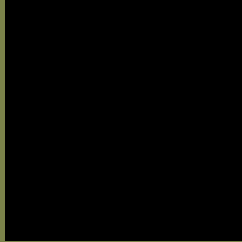
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 122.1100, -23.7182, 0.7805

Background



This preview shows how black text looks on a background with the YUV color 122.1100, -23.7182, 0.7805.



This preview shows how white text looks on a background with the YUV color 122.1100, -23.7182, 0.7805.

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

122.1100, -23.7182, 0.7805

Protanopia

123.4320, -25.3560, 12.7761

Deuteranopia

124.8510, -24.0835, 24.6867



Tritanopia

126.9340, 3.4835, 2.6889

Trichromacy



Original Color

122.1100, -23.7182, 0.7805

Protanomaly

123.2250, -24.7609, 8.5727

Deuteranomaly

123.7960, -24.0564, 15.9649

Tritanomaly

125.2900, -6.5520, 1.4997

Monochromacy



Original Color

122.1100, -23.7182, 0.7805

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

121.8230, -8.2937, 0.1552

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.1100, -23.7182, 0.7805 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(123, 131, 74)` looks like.

```
.text, #text, p{  
    color:rgb(123, 131, 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(123, 131, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 131, 74) }
```

Border

The CSS property to change the border of an element to YUV 122.1100, -23.7182, 0.7805 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(123, 131, 74) }
```


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

```
.border{ border-color:rgb(123, 131, 74) }
```

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

Here you see how a box with a 4 pixel rgb(123, 131, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 131, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 131, 74);  
box-shadow:4px 4px 4px 4px rgb(123, 131,  
74) }
```

Background

The CSS property to change the background color of an element to YUV 122.1100, -23.7182, 0.7805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 131, 74) }
```

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

```
.background{ background-color: rgb(123,  
131, 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](#).

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