

Converting Colors

YUV(122.7810, -24.5420,
31.7641)

Have a look what the booklet for
YUV(122.7810, -24.5420, 31.7641)
contains.

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Color

**YUV(122.7810, -24.5420,
31.7641)**

Conversions

Conversions Part 1

Format	Color
Hex	9F7249
RGB	159, 114, 73
RGB Percent	62%, 45%, 29%
CMY	0.3765, 0.5529, 0.7137
CMYK	0.00, 0.28, 0.54, 0.38
HSL	29°, 37%, 45%
HSV	29°, 54%, 62%
XYZ	21.5180, 19.8866, 9.0077
YIQ	122.7810, 39.9810, -3.2110

Conversions

Conversions Part 2

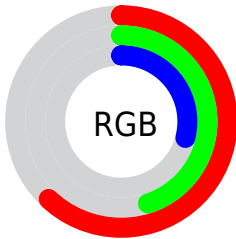
Format	Color
R_{YB}	159, 151, 73
Decimal	10449481
CIE _{Lab}	51.71, 12.89, 29.59
CIE _{LCh}	52, 32.278, 66.466
Yxy	19.8866, 0.4268, 0.3945
Android (android.graphics.Color)	4288639561 (0xFF9F7249)
YUV	122.7810, -24.5420, 31.7641
Hunter-Lab	44.5944, 8.0909, 19.2400

Details

The YUV color **122.7810, -24.5420, 31.7641** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **109.2190, 24.5420, -31.7641**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.9340, -26.5895, 35.1379**, and **73.2150, -22.7840, 27.8754** is the 20% darker color. If you saturate the color by 10%, you get **116.2610, -29.2157, 37.4821**, and if you desaturate by 10%, it is **129.3010, -19.8684, 26.0460**.

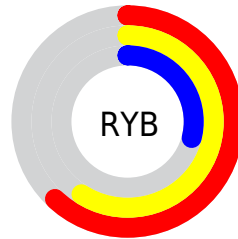
Distribution



Red (62%)

Green (45%)

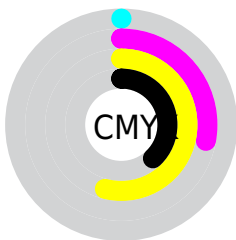
Blue (29%)



Red (62%)

Yellow (59%)

Blue (29%)

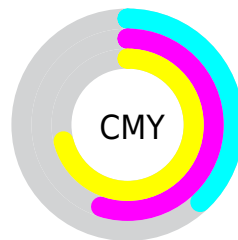


Cyan (0%)

Magenta (28%)

Yellow (54%)

Black (38%)



Cyan (38%)

Magenta (55%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.7810, -24.5420, 31.7641 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 122.7810, -24.5420, 31.7641 by changing the saturation by 10% instead.

■ 122.7810,
-24.5420, 31.7641

■ 122.7810,
-24.5420, 31.7641

■ 255.0000, 0.0000,
0.0000

■ 97.1120, -23.2262,
29.7198

■ 175.9340,
-26.5895, 35.1379

■ 73.2150, -22.7840,
27.8754

■ 203.4180,
-27.3211, 36.4674

■ 49.9050, -22.6312,
25.5163

■ 225.9220,
-25.1045, 25.5014

■ 29.3480, -14.4686,
20.7428

■ 246.1370,
-21.2665, 7.7729

■ 8.9700, -4.4222,
18.4433

■ 252.2640,
-10.4832, 2.3995

■ 0.0000, 0.0000,
0.0000

■ 122.7810,
-24.5420, 31.7641

■ 122.7810,
-24.5420, 31.7641

■ 116.2610,
-29.2157, 37.4821

■ 129.3010,
-19.8684, 26.0460

■ 109.1540,
-33.5999, 43.7149

■ 136.4080,
-15.4841, 19.8132

■ 102.6340,
-38.2736, 49.4330

■ 142.9280,
-10.8105, 14.0951

■ 96.1140, -42.9472,
55.1510

■ 149.4480, -6.1369,
8.3771

■ 92.1530, -45.4314,
58.6248

■ 156.5550, -1.7526,
2.1443

■ 162.9610, 2.4842,
-3.4738

■ 169.4810, 7.1579,
-9.1918

■ 176.5880, 11.5421,

-15.4247

■ 183.1080, 16.2158,
-21.1427

Harmonies

Analogous

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



124.1490, -15.8495, 43.7193



122.7810, -24.5420, 31.7641



120.7910, -26.5190, 12.4613

Triad

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



122.7810, -24.5420, 31.7641



102.2900, 13.1680, -70.4143



126.1360, 20.6390, 6.8967

Complementary

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



122.7810, -24.5420, 31.7641



109.2190, 24.5420, -31.7641

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.



120.5880, 28.3041, -25.0717



122.7810, -24.5420, 31.7641



98.0890, 28.0571, -86.0241

Square

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



122.7810, -24.5420, 31.7641



112.4610, -6.1433, -36.3613



107.6710, 32.2072, -63.7325



127.0160, 9.3591, 31.5580

Rectangle

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



122.7810, -24.5420, 31.7641



118.7290, -22.5444, -2.3933



107.6710, 32.2072, -63.7325



124.5800, 23.8711, -3.1397

Sweetspot

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



122.7810, -24.5420, 31.7641



192.6720, -9.2053, 12.5657



103.9580, 7.4157, 48.2718



96.2630, -5.5527, 7.6623



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



122.7810, -24.5420, 31.7641



149.9330, -38.4210, 50.0478



147.4350, -36.6965, 10.1425



75.7400, -2.3368, 2.8590



82.6730, -40.7578, 52.9068



8.5940, -4.2368, 5.6181

Inverse Universe

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



109.2190, 24.5420, -31.7641



129.0670, 38.4210, -50.0478



84.5650, 36.6965, -10.1425



74.2600, 2.3368, -2.8590



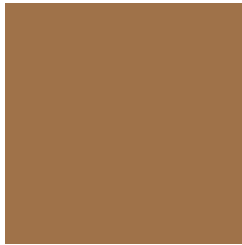
60.3270, 40.7578, -52.9068



6.4060, 4.2368, -5.6181

Previews

White Background



This preview shows how the YUV color 122.7810, -24.5420, 31.7641 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 122.7810, -24.5420, 31.7641 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

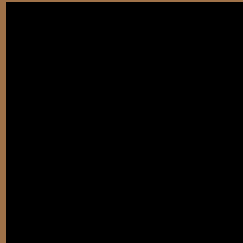
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 122.7810, -24.5420, 31.7641

Background



This preview shows how black text looks on a background with the YUV color 122.7810, -24.5420, 31.7641.



This preview shows how white text looks on a background with the YUV color 122.7810, -24.5420,

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

122.7810, -24.5420, 31.7641

Protanopia

121.9310, -22.1510, 11.4615

Deuteranopia

122.3240, -24.8097, 24.2719



Tritanopia

126.0580, -4.4656, 32.3981

Trichromacy



Original Color

122.7810, -24.5420, 31.7641

Protanomaly

122.1600, -22.7569, 19.1537

Deuteranomaly

122.6340, -24.9626, 26.6310

Tritanomaly

125.1090, -11.8857, 32.3534

Monochromacy



Original Color

122.7810, -24.5420, 31.7641

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

123.0740, -8.9105, 11.3361

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.7810, -24.5420, 31.7641 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(159, 114, 73)` looks like.

```
.text, #text, p{  
    color:rgb(159, 114, 73)  
}
```

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(159, 114, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 114, 73) }
```

Border

The CSS property to change the border of an element to YUV 122.7810, -24.5420, 31.7641 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(159, 114, 73) }
```


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

```
.border{ border-color:rgb(159, 114, 73) }
```

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

Here you see how a box with a 4 pixel rgb(159, 114, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 114, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 114, 73);  
box-shadow:4px 4px 4px 4px rgb(159, 114,  
73) }
```

Background

The CSS property to change the background color of an element to YUV 122.7810, -24.5420, 31.7641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 114, 73) }
```

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

```
.background{ background-color: rgb(159,  
114, 73) }
```

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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