

Converting Colors

YUV(120.3030, -22.8274,
41.8303)

Have a look what the booklet for
YUV(120.3030, -22.8274, 41.8303)
contains.

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Color

**YUV(120.3030, -22.8274,
41.8303)**

Conversions

Conversions Part 1

Format	Color
Hex	A8694A
RGB	168, 105, 74
RGB Percent	66%, 41%, 29%
CMY	0.3412, 0.5882, 0.7098
CMYK	0.00, 0.38, 0.56, 0.34
HSL	20°, 39%, 47%
HSV	20°, 56%, 66%
XYZ	22.4361, 18.9224, 8.9484
YIQ	120.3030, 47.4990, 3.7150

Conversions

Conversions Part 2

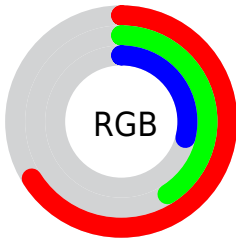
Format	Color
RYB	168, 120, 74
Decimal	11037002
CIELab	50.60, 21.96, 27.87
CIElCh	51, 35.478, 51.764
Yxy	18.9224, 0.4460, 0.3761
Android (android.graphics.Color)	4289227082 (0xFFA8694A)
YUV	120.3030, -22.8274, 41.8303
Hunter-Lab	43.4999, 15.9407, 18.2533

Details

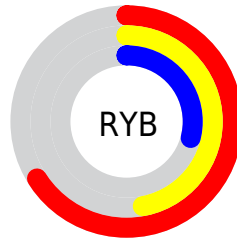
The YUV color **120.3030, -22.8274, 41.8303** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **121.6970, 22.8274, -41.8303**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.7550, -25.0222, 45.8189**, and **70.2530, -20.3377, 36.6121** is the 20% darker color. If you saturate the color by 10%, you get **111.9080, -27.0696, 49.1927**, and if you desaturate by 10%, it is **128.6980, -18.5851, 34.4679**.

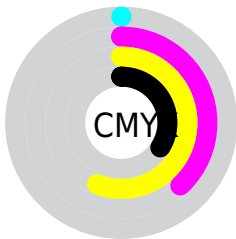
Distribution



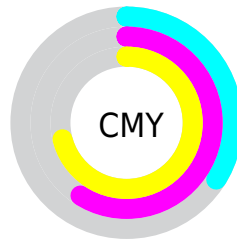
- Red (66%)
- Green (41%)
- Blue (29%)



- Red (66%)
- Yellow (47%)
- Blue (29%)



- Cyan (0%)
- Magenta (38%)
- Yellow (56%)
- Black (34%)



- Cyan (34%)
- Magenta (59%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.3030, -22.8274, 41.8303 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 120.3030, -22.8274, 41.8303 by changing the saturation by 10% instead.

■ 120.3030,
-22.8274, 41.8303

■ 120.3030,
-22.8274, 41.8303

■ 255.0000, 0.0000,
0.0000

■ 95.2210, -21.8010,
39.2712

■ 173.7550,
-25.0222, 45.8189

■ 70.2530, -20.3377,
36.6121

■ 201.2390,
-25.7538, 47.1484

■ 46.3560, -19.8955,
34.7678

■ 220.7530,
-22.0632, 30.0346

■ 24.6850, -12.1697,
30.0943

■ 240.3810,
-17.9358, 12.8209

■ 11.1770, -5.0173,
22.6468

■ 252.3780,
-10.0464, 2.2995

■ 0.0000, 0.0000,
0.0000

■ 120.3030,
-22.8274, 41.8303

■ 120.3030,
-22.8274, 41.8303

■ 111.9080,
-27.0696, 49.1927

■ 128.6980,
-18.5851, 34.4679

■ 102.9260,
-31.0225, 57.0699

■ 137.6800,
-14.6322, 26.5906

■ 94.6450, -34.8280,
64.3323

■ 145.9610,
-10.8268, 19.3282

■ 86.2500, -39.0703,
71.6947

■ 154.3560, -6.5845,
11.9658

■ 82.5170, -40.6809,
74.9686

■ 162.7510, -2.3422,
4.6034

■ 171.7330, 1.6106,
-3.2738

■ 180.1280, 5.8529,
-10.6363

■ 188.4090, 9.6584,

-17.8987

■ 196.8040, 13.9006,
-25.2611

Harmonies

Analogous

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



121.5610, -10.6296, 49.4970



120.3030, -22.8274, 41.8303



118.5860, -28.8829, 24.0421

Triad

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



120.3030, -22.8274, 41.8303



101.7550, 4.5578, -62.0521



121.1600, 27.5291, -9.7873

Complementary

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



120.3030, -22.8274, 41.8303



121.6970, 22.8274, -41.8303

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.



109.7310, 34.6426, -51.5071



120.3030, -22.8274, 41.8303



96.0200, 22.6681, -84.2095

Square

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



120.3030, -22.8274, 41.8303



111.3500, -14.4695, -25.7399



97.1090, 34.4563, -85.1646



123.9100, 16.8064, 22.8809

Rectangle

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



120.3030, -22.8274, 41.8303



117.3130, -28.2553, 9.3725



97.1090, 34.4563, -85.1646



118.0660, 30.0405, -21.9829

Sweetspot

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



120.3030, -22.8274, 41.8303



200.1070, -8.9268, 16.5692



109.4020, 14.0988, 51.3904



98.6870, -5.2687, 9.9215



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



120.3030, -22.8274, 41.8303



144.7160, -35.8490, 65.1471



147.3050, -36.1394, 18.1495



80.1530, -2.0474, 3.3738



73.0150, -35.9964, 65.7618



10.0890, -4.9739, 8.6919

Inverse Universe

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



121.6970, 22.8274, -41.8303



146.8710, 35.5596, -65.6619



94.6950, 36.1394, -18.1495



79.8470, 2.0474, -3.3738



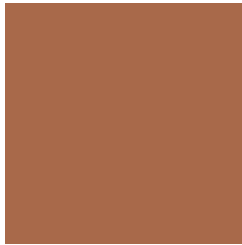
74.9850, 35.9964, -65.7618



10.4980, 4.6845, -9.2067

Previews

White Background



This preview shows how the YUV color 120.3030, -22.8274, 41.8303 looks on a white background.

Color Contrast Check

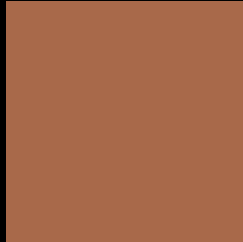
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.3030, -22.8274, 41.8303 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 120.3030, -22.8274, 41.8303

Background



This preview shows how black text looks on a background with the YUV color 120.3030, -22.8274, 41.8303.



This preview shows how white text looks on a background with the YUV color 120.3030, -22.8274,

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

120.3030, -22.8274, 41.8303

Protanopia

119.3160, -19.3828, 10.2469

Deuteranopia

119.6660, -23.4993, 23.9719



Tritanopia

122.4290, -7.1135, 41.7198

Trichromacy



Original Color

120.3030, -22.8274, 41.8303

Protanomaly

119.4530, -20.4363, 21.5277

Deuteranomaly

119.8240, -23.0842, 30.8494

Tritanomaly

121.3490, -12.4971, 41.7899

Monochromacy



Original Color

120.3030, -22.8274, 41.8303

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

120.2100, -8.4845, 14.7248

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.3030, -22.8274, 41.8303 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(168, 105, 74)` looks like.

```
.text, #text, p{  
    color:rgb(168, 105, 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(168, 105, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 105, 74) }
```

Border

The CSS property to change the border of an element to YUV 120.3030, -22.8274, 41.8303 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(168, 105, 74) }
```


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

```
.border{ border-color:rgb(168, 105, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 105, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 105, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 105, 74);  
box-shadow:4px 4px 4px 4px rgb(168, 105,  
74) }
```

Background

The CSS property to change the background color of an element to YUV 120.3030, -22.8274, 41.8303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 105, 74) }
```

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

```
.background{ background-color: rgb(168,  
105, 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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