

Converting Colors

YUV(163.3130, -24.8043,
22.5275)

Have a look what the booklet for
YUV(163.3130, -24.8043, 22.5275)
contains.

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Color

**YUV(163.3130, -24.8043,
22.5275)**

Conversions

Conversions Part 1

Format	Color
Hex	BDA071
RGB	189, 160, 113
RGB Percent	74%, 63%, 44%
CMY	0.2588, 0.3725, 0.5569
CMYK	0.00, 0.15, 0.40, 0.26
HSL	37°, 37%, 59%
HSV	37°, 40%, 74%
XYZ	36.5377, 37.1527, 20.8682
YIQ	163.3130, 32.3710, -8.4690

Conversions

Conversions Part 2

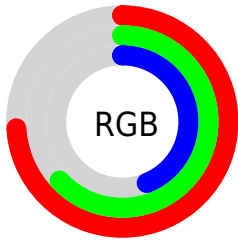
Format	Color
RYB	160, 189, 113
Decimal	12427377
CIELab	67.39, 4.11, 28.47
CIELCh	67, 28.762, 81.785
Yxy	37.1527, 0.3864, 0.3929
Android (android.graphics.Color)	4290617457 (0xFFBDA071)
YUV	163.3130, -24.8043, 22.5275
Hunter-Lab	60.9530, 0.3324, 22.3682

Details

The YUV color **163.3130, -24.8043, 22.5275** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **138.6870, 24.8043, -22.5275**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.5690, -26.4095, 24.0570**, and **111.3450, -23.3411, 19.8684** is the 20% darker color. If you saturate the color by 10%, you get **157.0380, -31.0777, 28.0307**, and if you desaturate by 10%, it is **169.5880, -18.5309, 17.0243**.

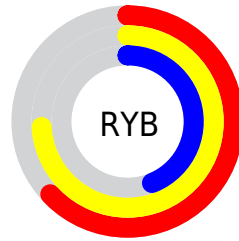
Distribution



Red (74%)

Green (63%)

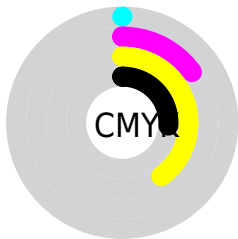
Blue (44%)



Red (63%)

Yellow (74%)

Blue (44%)

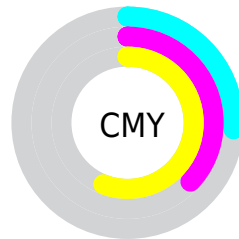


Cyan (0%)

Magenta (15%)

Yellow (40%)

Black (26%)



Cyan (26%)

Magenta (37%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.3130, -24.8043, 22.5275 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 163.3130, -24.8043, 22.5275 by changing the saturation by 10% instead.

■ 163.3130,
-24.8043, 22.5275

■ 163.3130,
-24.8043, 22.5275

■ 255.0000, 0.0000,
0.0000

■ 136.8290,
-24.0727, 21.1980

■ 218.5690,
-26.4095, 24.0570

■ 111.3450,
-23.3411, 19.8684

■ 240.8880,
-23.6088, 12.3762

■ 86.2740, -22.3201,
19.0537

■ 251.1240,
-14.8511, 3.3993

■ 62.4910, -21.4411,
17.1094

■ 254.3160, -2.6208,
0.5999

■ 40.8220, -20.1252,
15.0651

■ 21.9060, -10.7997,
10.6064

■ 0.0000, 0.0000,

0.0000

■ 163.3130,
-24.8043, 22.5275

■ 163.3130,
-24.8043, 22.5275

■ 157.0380,
-31.0777, 28.0307

■ 169.5880,
-18.5309, 17.0243

■ 150.7630,
-37.3512, 33.5338

■ 175.8630,
-12.2575, 11.5211

■ 143.9010,
-43.3352, 39.5518

■ 182.7250, -6.2734,
5.5032

■ 137.6260,
-49.6086, 45.0550

■ 189.0000, 0.0000,
0.0000

■ 131.3510,
-55.8820, 50.5582

■ 195.2750, 6.2734,
-5.5032

■ 125.1900,
-61.7187, 55.9614

■ 201.4360, 12.1101,
-10.9064

■ 207.7110, 18.3835,
-16.4095

■ 213.5470, 20.4363,
-21.5277

■ 217.6560, 18.4106,
-25.1313

Harmonies

Analogous

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



164.9650, -20.1957, 37.7417



163.3130, -24.8043, 22.5275



160.4630, -22.4133, 2.2249

Triad

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



163.3130, -24.8043, 22.5275



150.0510, 15.7509, -58.8037



167.7910, 13.9070, 19.4773

Complementary

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



163.3130, -24.8043, 22.5275



138.6870, 24.8043, -22.5275

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.



165.3300, 23.0083, -6.4284



163.3130, -24.8043, 22.5275



152.5920, 25.3441, -55.7702

Square

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



163.3130, -24.8043, 22.5275



153.3660, 1.2986, -43.2940



159.5930, 27.3157, -34.7231



167.5130, 2.2121, 37.2611

Rectangle

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



163.3130, -24.8043, 22.5275



158.5580, -16.5441, -13.6444



159.5930, 27.3157, -34.7231



167.6590, 17.4231, 11.7001

Sweetspot

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



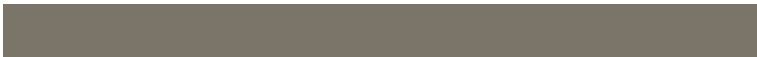
163.3130, -24.8043, 22.5275



235.1230, -9.9206, 8.6621



139.0300, 1.4642, 43.8237



116.5400, -5.6892, 4.7884



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



163.3130, -24.8043, 22.5275



205.1330, -38.5196, 34.9634



177.6450, -31.8700, 2.0653



91.2130, -3.0630, 2.4442



104.7680, -51.6506, 46.6845



20.4220, -10.0680, 9.2769

Inverse Universe

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



138.6870, 24.8043, -22.5275



166.8670, 38.5196, -34.9634



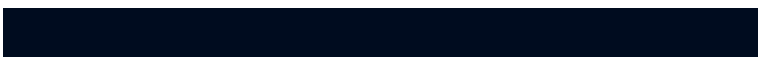
124.3550, 31.8700, -2.0653



88.3740, 2.7736, -2.9590



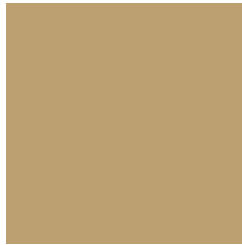
53.2320, 51.6506, -46.6845



10.5780, 10.0680, -9.2769

Previews

White Background



This preview shows how the YUV color 163.3130, -24.8043, 22.5275 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 163.3130, -24.8043, 22.5275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

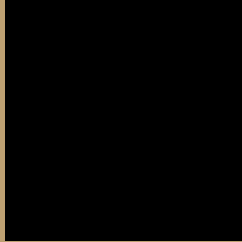
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 163.3130, -24.8043, 22.5275

Background



This preview shows how black text looks on a background with the YUV color 163.3130, -24.8043, 22.5275.



This preview shows how white text looks on a background with the YUV color 163.3130, -24.8043, 22.5275.

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

163.3130, -24.8043, 22.5275

Protanopia

162.3010, -23.3194, 12.8910

Deuteranopia

163.7590, -24.5312, 28.2754



Tritanopia

166.6270, -0.8021, 24.0061

Trichromacy



Original Color

163.3130, -24.8043, 22.5275

Protanomaly

162.7960, -24.0564, 15.9649

Deuteranomaly

163.4490, -24.3784, 25.9162

Tritanomaly

165.6240, -9.6746, 23.1318

Monochromacy



Original Color

163.3130, -24.8043, 22.5275

Achromatopsia

163.0000, 0.0000, 0.0000

Achromatomaly

163.0520, -8.8996, 7.8474

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.3130, -24.8043, 22.5275 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(189, 160, 113)` looks like.

```
.text, #text, p{  
    color:rgb(189, 160, 113)  
}
```

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(189, 160, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 160, 113) }
```

Border

The CSS property to change the border of an element to YUV 163.3130, -24.8043, 22.5275 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(189, 160, 113) }
```


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

```
.border{ border-color:rgb(189, 160, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 160, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 160, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 160, 113);  
box-shadow:4px 4px 4px 4px rgb(189, 160,  
113) }
```

Background

The CSS property to change the background color of an element to YUV 163.3130, -24.8043, 22.5275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 160, 113) }
```

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

```
.background{ background-color: rgb(189,  
160, 113) }
```

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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