

Converting Colors

YUV(165.4550, -26.8463,
24.1570)

Have a look what the booklet for
YUV(165.4550, -26.8463, 24.1570)
contains.

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Color

**YUV(165.4550, -26.8463,
24.1570)**

Conversions

Conversions Part 1

Format	Color
Hex	C1A26F
RGB	193, 162, 111
RGB Percent	76%, 64%, 44%
CMY	0.2431, 0.3647, 0.5647
CMYK	0.00, 0.16, 0.42, 0.24
HSL	37°, 40%, 60%
HSV	37°, 42%, 76%
XYZ	37.7819, 38.3258, 20.4452
YIQ	165.4550, 34.8470, -9.2890

Conversions

Conversions Part 2

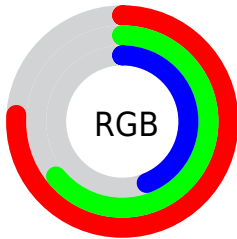
Format	Color
RYB	161, 193, 111
Decimal	12690031
CIELab	68.26, 4.45, 30.75
CIElCh	68, 31.069, 81.772
Yxy	38.3258, 0.3913, 0.3969
Android (android.graphics.Color)	4290880111 (0xFFC1A26F)
YUV	165.4550, -26.8463, 24.1570
Hunter-Lab	61.9078, 0.5985, 23.7548

Details

The YUV color **165.4550, -26.8463, 24.1570** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **138.5450, 26.8463, -24.1570**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.0100, -28.5989, 26.3012**, and **113.4870, -25.3831, 21.4979** is the 20% darker color. If you saturate the color by 10%, you get **159.1800, -33.1197, 29.6601**, and if you desaturate by 10%, it is **171.7300, -20.5729, 18.6538**.

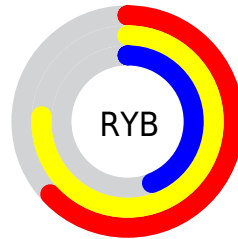
Distribution



Red (76%)

Green (64%)

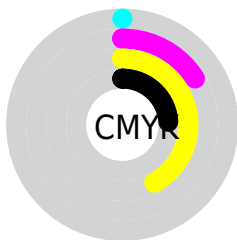
Blue (44%)



Red (63%)

Yellow (76%)

Blue (44%)

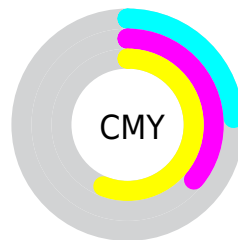


Cyan (0%)

Magenta (16%)

Yellow (42%)

Black (24%)



Cyan (24%)

Magenta (36%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.4550, -26.8463, 24.1570 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 165.4550, -26.8463, 24.1570 by changing the saturation by 10% instead.

■ 165.4550,
-26.8463, 24.1570

■ 165.4550,
-26.8463, 24.1570

■ 255.0000, 0.0000,
0.0000

■ 138.9710,
-26.1147, 22.8274

■ 221.0100,
-28.5989, 26.3012

■ 113.4870,
-25.3831, 21.4979

■ 241.8340,
-25.0612, 11.5466

■ 88.1170, -24.2147,
20.0684

■ 250.8960,
-15.7247, 3.5992

■ 64.3340, -23.3357,
18.1241

■ 254.0880, -3.4944,
0.7998

■ 42.3060, -20.8569,
16.3946

■ 23.0910, -11.3839,
11.3212

■ 0.0000, 0.0000,

0.0000

■ 165.4550,
-26.8463, 24.1570

■ 165.4550,
-26.8463, 24.1570

■ 159.1800,
-33.1197, 29.6601

■ 171.7300,
-20.5729, 18.6538

■ 152.2040,
-39.5406, 35.7781

■ 178.7060,
-14.1521, 12.5358

■ 145.9290,
-45.8140, 41.2813

■ 184.9810, -7.8786,
7.0327

■ 139.6540,
-52.0874, 46.7844

■ 191.2560, -1.6052,
1.5295

■ 133.3790,
-58.3608, 52.2876

■ 197.6450, 5.1050,
-4.0737

■ 128.1470,
-63.1765, 56.8761

■ 204.5070, 11.0890,
-10.0916

■ 210.7820, 17.3625,
-15.5948

■ 215.9170, 19.2679,
-20.0982

■ 220.6130, 16.9528,
-24.2166

Harmonies

Analogous

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



167.8190, -22.0958, 40.5007



165.4550, -26.8463, 24.1570



162.7080, -24.0130, 2.0101

Triad

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



165.4550, -26.8463, 24.1570



150.4630, 17.5197, -66.1811



170.4430, 15.0646, 21.5365

Complementary

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



165.4550, -26.8463, 24.1570



138.5450, 26.8463, -24.1570

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.



167.4870, 24.9029, -7.4431



165.4550, -26.8463, 24.1570



152.6450, 28.2760, -62.8327

Square

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



165.4550, -26.8463, 24.1570



154.0450, 1.4568, -47.3975



160.5540, 29.7999, -38.1969



170.2360, 2.3487, 40.1350

Rectangle

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



165.4550, -26.8463, 24.1570



160.5040, -17.9965, -14.4740



160.5540, 29.7999, -38.1969



169.7130, 18.8755, 12.5297

Sweetspot

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



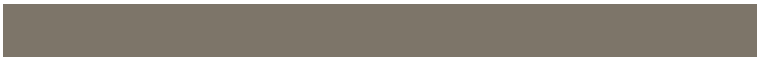
165.4550, -26.8463, 24.1570



239.1940, -10.9416, 9.4769



139.0520, 1.4534, 47.3124



118.0240, -6.4208, 6.1180



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



165.4550, -26.8463, 24.1570



207.2320, -42.0194, 37.5075



180.6620, -34.3434, 2.0504



93.5120, -3.2104, 3.0590



106.8390, -52.6716, 47.4992



22.1940, -10.9416, 9.4769

Inverse Universe

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



138.5450, 26.8463, -24.1570



165.3550, 41.7300, -38.0223



123.3380, 34.3434, -2.0504



90.4880, 3.2104, -3.0590



54.1610, 52.6716, -47.4992



11.3930, 10.6523, -9.9917

Previews

White Background



This preview shows how the YUV color 165.4550, -26.8463, 24.1570 looks on a white background.

Color Contrast Check

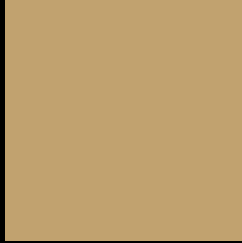
Large Text (above 18pt) WCAG AA × Fail

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 165.4550, -26.8463, 24.1570 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 165.4550, -26.8463, 24.1570 Background



This preview shows how black text looks on a background with the YUV color 165.4550, -26.8463, 24.1570.



This preview shows how white text looks on a background with the YUV color 165.4550, -26.8463, 24.1570.

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

165.4550, -26.8463, 24.1570

Protanopia

164.7310, -25.5034, 13.3909

Deuteranopia

165.9010, -26.5732, 29.9048



Tritanopia

169.5240, -1.2443, 25.8505

Trichromacy



Original Color

165.4550, -26.8463, 24.1570

Protanomaly

164.9380, -26.0984, 17.5944

Deuteranomaly

165.5910, -26.4204, 27.5457

Tritanomaly

168.4070, -10.5537, 25.0761

Monochromacy



Original Color

165.4550, -26.8463, 24.1570

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

165.1230, -9.9206, 8.6621

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.4550, -26.8463, 24.1570 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(193, 162, 111)` looks like.

```
.text, #text, p{  
    color:rgb(193, 162, 111)  
}
```

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(193, 162, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 162, 111) }
```

Border

The CSS property to change the border of an element to YUV 165.4550, -26.8463, 24.1570 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

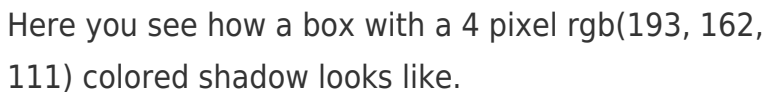
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(193, 162, 111) }
```


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

```
.border{ border-color:rgb(193, 162, 111) }
```

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



Here you see how a box with a 4 pixel `rgb(193, 162, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 162, 111); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 162, 111); box-shadow:4px 4px 4px 4px rgb(193, 162, 111) }
```

Background

The CSS property to change the background color of an element to YUV 165.4550, -26.8463, 24.1570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 162, 111) }
```

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

```
.background{ background-color: rgb(193,  
162, 111) }
```

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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