

Converting Colors

YUV(166.0870, -32.0879,
25.3567)

Have a look what the booklet for
YUV(166.0870, -32.0879, 25.3567)
contains.

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Color

**YUV(166.0870, -32.0879,
25.3567)**

Conversions

Conversions Part 1

Format	Color
Hex	C3A465
RGB	195, 164, 101
RGB Percent	76%, 64%, 40%
CMY	0.2353, 0.3569, 0.6039
CMYK	0.00, 0.16, 0.48, 0.24
HSL	40°, 44%, 58%
HSV	40°, 48%, 76%
XYZ	38.1301, 39.0926, 17.8479
YIQ	166.0870, 38.6990, -13.0210

Conversions

Conversions Part 2

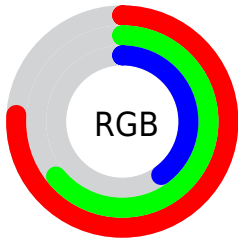
Format	Color
RYB	147, 195, 101
Decimal	12821605
CIELab	68.82, 3.17, 36.78
CIElCh	69, 36.919, 85.080
Yxy	39.0926, 0.4011, 0.4112
Android (android.graphics.Color)	4291011685 (0xFFC3A465)
YUV	166.0870, -32.0879, 25.3567
Hunter-Lab	62.5241, -0.5595, 26.8422

Details

The YUV color **166.0870, -32.0879, 25.3567** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **129.9130, 32.0879, -25.3567**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.6420, -33.8405, 27.5010**, and **113.2330, -30.1879, 22.5977** is the 20% darker color. If you saturate the color by 10%, you get **160.2850, -39.0875, 30.4451**, and if you desaturate by 10%, it is **171.8890, -25.0883, 20.2683**.

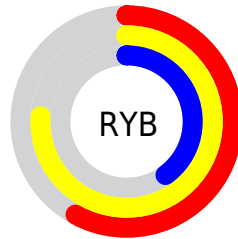
Distribution



Red (76%)

Green (64%)

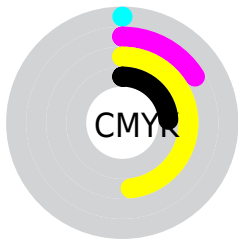
Blue (40%)



Red (58%)

Yellow (76%)

Blue (40%)

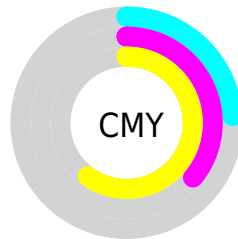


Cyan (0%)

Magenta (16%)

Yellow (48%)

Black (24%)



Cyan (24%)

Magenta (36%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.0870, -32.0879, 25.3567 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 166.0870, -32.0879, 25.3567 by changing the saturation by 10% instead.

■ 166.0870,
-32.0879, 25.3567

■ 166.0870,
-32.0879, 25.3567

255.0000, 0.0000,
0.0000

■ 139.6030,
-31.3563, 24.0272

■ 221.6420,
-33.8405, 27.5010

■ 113.2330,
-30.1879, 22.5977

■ 241.7540,
-30.4447, 11.6167

■ 88.4500, -29.3088,
20.6533

■ 249.6420,
-20.5295, 4.6990

■ 64.2110, -30.1770,
19.1090

■ 252.8340, -8.2992,
1.8996

■ 43.4800, -21.4356,
15.3650

■ 24.2650, -11.9626,
10.2916

■ 0.0000, 0.0000,

0.0000

■ 166.0870,
-32.0879, 25.3567

■ 166.0870,
-32.0879, 25.3567

■ 160.2850,
-39.0875, 30.4451

■ 171.8890,
-25.0883, 20.2683

■ 154.0100,
-45.3609, 35.9482

■ 178.1640,
-18.8149, 14.7652

■ 148.3220,
-51.9237, 40.9366

■ 183.8520,
-12.2520, 9.7768

■ 141.9330,
-58.6340, 46.5398

■ 190.2410, -5.5418,
4.1736

■ 136.2450,
-65.1968, 51.5281

■ 195.9290, 1.0210,
-0.8147

■ 135.2020,
-66.6546, 52.4428

■ 202.3180, 7.7312,
-6.4179

■ 208.1200, 14.7308,
-11.5062

■ 213.5800, 20.4201,
-16.2947

■ 217.6890, 18.3943,
-19.8983

Harmonies

Analogous

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



168.0000, -26.6220, 45.6040



166.0870, -32.0879, 25.3567



162.3610, -27.7860, -1.1936

Triad

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



166.0870, -32.0879, 25.3567



140.3930, 26.9213, -95.0607



172.3560, 17.0795, 28.6288

Complementary

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



166.0870, -32.0879, 25.3567



129.9130, 32.0879, -25.3567

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.



169.5350, 28.8232, -4.8542



166.0870, -32.0879, 25.3567



146.8040, 37.0716, -84.0201

Square

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



166.0870, -32.0879, 25.3567



150.2710, 5.2894, -63.3817



161.1170, 35.9313, -44.8296



171.4760, 1.7373, 49.5715

Rectangle

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



166.0870, -32.0879, 25.3567



160.0040, -19.7220, -21.0515



161.1170, 35.9313, -44.8296



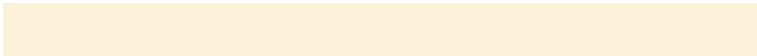
172.0280, 21.1852, 18.3924

Sweetspot

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



166.0870, -32.0879, 25.3567



241.5530, -12.1046, 9.1620



132.6400, -0.3155, 54.6897



120.7960, -7.2944, 6.3179



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



166.0870, -32.0879, 25.3567



207.1800, -49.8817, 39.3071



179.5000, -38.7005, -0.4385



94.0990, -3.4998, 2.5442



111.5350, -54.9868, 43.3808



22.7810, -11.2310, 8.9621

Inverse Universe

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



129.9130, 32.0879, -25.3567



150.8200, 49.8817, -39.3071



116.5000, 38.7005, 0.4385



89.9010, 3.4998, -2.5442



49.4650, 54.9868, -43.3808



10.2190, 11.2310, -8.9621

Previews

White Background



This preview shows how the YUV color 166.0870, -32.0879, 25.3567 looks on a white background.

Color Contrast Check

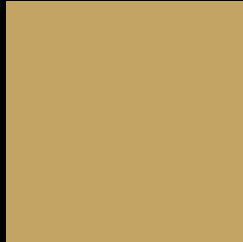
Large Text (above 18pt) WCAG AA × Fail

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 166.0870, -32.0879, 25.3567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

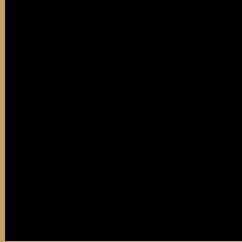
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 166.0870, -32.0879, 25.3567

Background



This preview shows how black text looks on a background with the YUV color 166.0870, -32.0879, 25.3567.



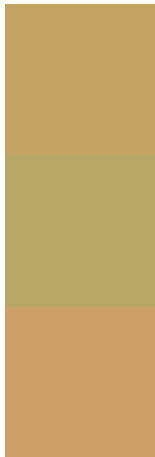
This preview shows how white text looks on a background with the YUV color 166.0870, -32.0879, 25.3567.

25.3567.

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

166.0870, -32.0879, 25.3567

Protanopia

165.3740, -30.7504, 16.3350

Deuteranopia

166.5440, -31.8202, 32.8489



Tritanopia

170.8230, -1.3917, 26.4652

Trichromacy



Original Color

166.0870, -32.0879, 25.3567

Protanomaly

165.8690, -31.4874, 19.4089

Deuteranomaly

166.2340, -31.6674, 30.4898

Tritanomaly

169.2500, -12.4482, 26.0907

Monochromacy



Original Color

166.0870, -32.0879, 25.3567

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

165.9660, -11.8152, 9.6768

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.0870, -32.0879, 25.3567 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(195, 164, 101)` looks like.

```
.text, #text, p{  
    color:rgb(195, 164, 101)  
}
```

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(195, 164, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 164, 101) }
```

Border

The CSS property to change the border of an element to YUV 166.0870, -32.0879, 25.3567 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(195, 164, 101) }
```


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

```
.border{ border-color:rgb(195, 164, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 164, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 164, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 164, 101);  
box-shadow:4px 4px 4px 4px rgb(195, 164,  
101) }
```

Background

The CSS property to change the background color of an element to YUV 166.0870, -32.0879, 25.3567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 164, 101) }
```

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

```
.background{ background-color: rgb(195,  
164, 101) }
```

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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