

Converting Colors

YUV(166.8920, -32.9778,
30.7897)

Have a look what the booklet for
YUV(166.8920, -32.9778, 30.7897)
contains.

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Color

**YUV(166.8920, -32.9778,
30.7897)**

Conversions

Conversions Part 1

Format	Color
Hex	CAA264
RGB	202, 162, 100
RGB Percent	79%, 64%, 39%
CMY	0.2078, 0.3647, 0.6078
CMYK	0.00, 0.20, 0.50, 0.21
HSL	36°, 49%, 59%
HSV	36°, 50%, 79%
XYZ	39.5777, 39.3173, 17.5596
YIQ	166.8920, 43.7420, -10.8020

Conversions

Conversions Part 2

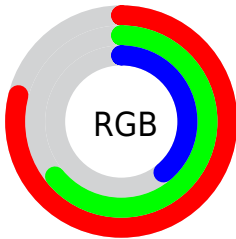
Format	Color
RYB	166, 202, 100
Decimal	13279844
CIELab	68.98, 7.08, 37.65
CIELCh	69, 38.314, 79.357
Yxy	39.3173, 0.4103, 0.4076
Android (android.graphics.Color)	4291469924 (0xFFCAA264)
YUV	166.8920, -32.9778, 30.7897
Hunter-Lab	62.7035, 2.9359, 27.2888

Details

The YUV color **166.8920, -32.9778, 30.7897** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **135.1080, 32.9778, -30.7897**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.9520, -33.9933, 29.8601**, and **114.6250, -31.3671, 27.5159** is the 20% darker color. If you saturate the color by 10%, you get **159.9160, -39.3986, 36.9077**, and if you desaturate by 10%, it is **173.8680, -26.5569, 24.6718**.

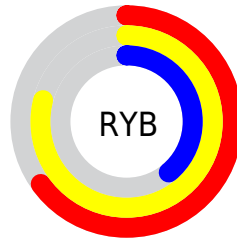
Distribution



Red (79%)

Green (64%)

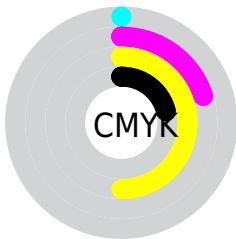
Blue (39%)



Red (65%)

Yellow (79%)

Blue (39%)

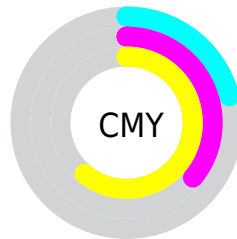


Cyan (0%)

Magenta (20%)

Yellow (50%)

Black (21%)



Cyan (21%)

Magenta (36%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.8920, -32.9778, 30.7897 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 166.8920, -32.9778, 30.7897 by changing the saturation by 10% instead.

■ 166.8920,
-32.9778, 30.7897

■ 166.8920,
-32.9778, 30.7897

■ 255.0000, 0.0000,
0.0000

■ 140.1090,
-32.0987, 28.8454

■ 220.9520,
-33.9933, 29.8601

■ 114.6250,
-31.3671, 27.5159

■ 240.4660,
-30.3027, 12.7463

■ 88.8420, -30.4881,
25.5716

■ 249.5280,
-20.9663, 4.7989

■ 64.7170, -30.9195,
23.9272

■ 252.7200, -8.7360,
1.9996

■ 43.8010, -21.5939,
19.4685

■ 24.5860, -12.1209,
14.3951

■ 2.0930, -1.0318,

4.3034

■ 0.0000, 0.0000,
0.0000

■ 166.8920,
-32.9778, 30.7897

■ 166.8920,
-32.9778, 30.7897

■ 159.9160,
-39.3986, 36.9077

■ 173.8680,
-26.5569, 24.6718

■ 152.9400,
-45.8194, 43.0256

■ 180.8440,
-20.1361, 18.5538

■ 145.8500,
-52.6770, 49.2436

■ 187.9340,
-13.2785, 12.3359

■ 138.8740,
-59.0979, 55.3615

■ 194.9100, -6.8576,
6.2179

■ 132.5990,
-65.3713, 60.8647

■ 201.8860, -0.4368,
0.1000

■ 208.8620, 5.9840,
-6.0180

■ 215.2510, 12.6943,
-11.6211

■ 221.5430, 16.4943,
-17.1392

■ 226.2390, 14.1792,
-21.2576

Harmonies

Analogous

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



168.9620, -25.6173, 50.0223



166.8920, -32.9778, 30.7897



163.4110, -30.2756, 4.0246

Triad

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



166.8920, -32.9778, 30.7897



138.3060, 25.4851, -101.1234



172.8330, 20.2953, 23.8255

Complementary

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



166.8920, -32.9778, 30.7897



135.1080, 32.9778, -30.7897

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.



168.9900, 32.0499, -13.1462



166.8920, -32.9778, 30.7897



139.0790, 39.8941, -102.6783

Square

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



166.8920, -32.9778, 30.7897



151.5550, 1.2054, -60.1227



158.0340, 38.4372, -55.2808



172.2740, 4.7949, 48.8717

Rectangle

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



166.8920, -32.9778, 30.7897



160.7120, -23.5220, -15.5334



158.0340, 38.4372, -55.2808



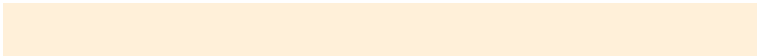
171.9070, 24.6958, 12.3596

Sweetspot

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



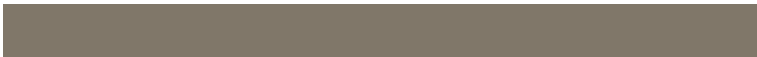
166.8920, -32.9778, 30.7897



241.8630, -12.2575, 11.5211



135.1720, 2.8732, 58.6082



120.0950, -7.4418, 6.9327



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.



166.8920, -32.9778, 30.7897



201.4090, -50.4876, 46.9993



187.3820, -43.0793, 4.0500



98.5120, -3.2104, 3.0590



108.9210, -53.6981, 50.0583



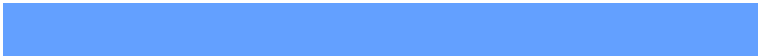
24.8630, -12.2575, 11.5211

Inverse Universe

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



135.1080, 32.9778, -30.7897



152.5910, 50.4876, -46.9993



114.6180, 43.0793, -4.0500



95.4880, 3.2104, -3.0590



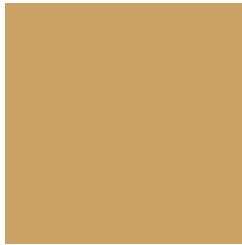
57.0790, 53.6981, -50.0583



13.1370, 12.2575, -11.5211

Previews

White Background



This preview shows how the YUV color 166.8920, -32.9778, 30.7897 looks on a white background.

Color Contrast Check

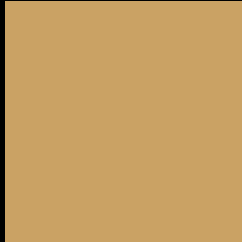
Large Text (above 18pt) WCAG AA × Fail

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 166.8920, -32.9778, 30.7897 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 166.8920, -32.9778, 30.7897

Background



This preview shows how black text looks on a background with the YUV color 166.8920, -32.9778, 30.7897.



This preview shows how white text looks on a background with the YUV color 166.8920, -32.9778, 30.7897.

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

166.8920, -32.9778, 30.7897

Protanopia

165.8470, -31.4766, 15.9202

Deuteranopia

167.2020, -33.1306, 33.1488



Tritanopia

171.5140, -2.7184, 31.9982

Trichromacy



Original Color

166.8920, -32.9778, 30.7897

Protanomaly

166.0650, -32.0770, 21.8680

Deuteranomaly

166.9030, -32.9832, 32.5341

Tritanomaly

169.9410, -13.7749, 31.6237

Monochromacy



Original Color

166.8920, -32.9778, 30.7897

Achromatopsia

167.0000, 0.0000, 0.0000

Achromatomaly

166.9770, -11.8207, 11.4212

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.8920, -32.9778, 30.7897 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(202, 162, 100)` looks like.

```
.text, #text, p{  
    color:rgb(202, 162, 100)  
}
```

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(202, 162, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 162, 100) }
```

Border

The CSS property to change the border of an element to YUV 166.8920, -32.9778, 30.7897 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(202, 162, 100) }
```


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

```
.border{ border-color:rgb(202, 162, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 162, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 162, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 162, 100);  
box-shadow:4px 4px 4px 4px rgb(202, 162,  
100) }
```

Background

The CSS property to change the background color of an element to YUV 166.8920, -32.9778, 30.7897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 162, 100) }
```

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

```
.background{ background-color: rgb(202,  
162, 100) }
```

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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