

Converting Colors

YUV(164.6910, -31.3997,
37.9820)

Have a look what the booklet for
YUV(164.6910, -31.3997, 37.9820)
contains.

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Color

**YUV(164.6910, -31.3997,
37.9820)**

Conversions

Conversions Part 1

Format	Color
Hex	D09B65
RGB	208, 155, 101
RGB Percent	82%, 61%, 40%
CMY	0.1843, 0.3922, 0.6039
CMYK	0.00, 0.25, 0.51, 0.18
HSL	30°, 53%, 61%
HSV	30°, 51%, 82%
XYZ	40.0827, 37.7922, 17.4939
YIQ	164.6910, 48.9220, -5.5580

Conversions

Conversions Part 2

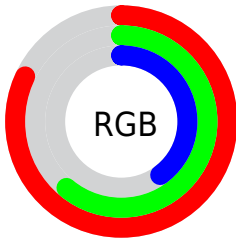
Format	Color
R _Y B	206, 208, 101
Decimal	13671269
CIE Lab	67.87, 13.46, 35.87
CIE LCh	68, 38.312, 69.438
Yxy	37.7922, 0.4203, 0.3963
Android (android.graphics.Color)	4291861349 (0xFFD09B65)
YUV	164.6910, -31.3997, 37.9820
Hunter-Lab	61.4753, 8.8025, 26.1607

Details

The YUV color **164.6910, -31.3997, 37.9820** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **144.3090, 31.3997, -37.9820**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.3700, -31.2414, 33.8785**, and **112.2390, -29.2048, 33.9934** is the 20% darker color. If you saturate the color by 10%, you get **156.4270, -37.6785, 45.2295**, and if you desaturate by 10%, it is **172.9550, -25.1208, 30.7345**.

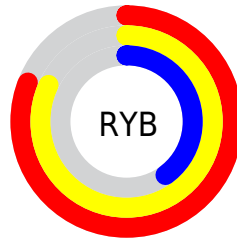
Distribution



Red (82%)

Green (61%)

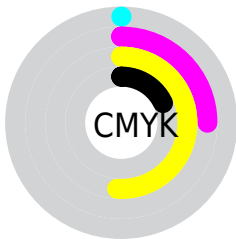
Blue (40%)



Red (81%)

Yellow (82%)

Blue (40%)

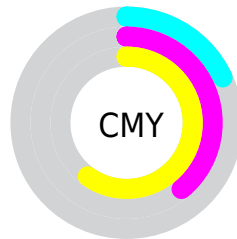


Cyan (0%)

Magenta (25%)

Yellow (51%)

Black (18%)



Cyan (18%)

Magenta (39%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.6910, -31.3997, 37.9820 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 164.6910, -31.3997, 37.9820 by changing the saturation by 10% instead.

■ 164.6910,
-31.3997, 37.9820

■ 164.6910,
-31.3997, 37.9820

255.0000, 0.0000,
0.0000

■ 137.9080,
-30.5206, 36.0377

■ 216.3700,
-31.2414, 33.8785

■ 112.2390,
-29.2048, 33.9934

■ 236.4710,
-27.8402, 16.2499

■ 87.0430, -28.6152,
31.5343

■ 249.6420,
-20.5295, 4.6990

■ 62.7330, -28.4624,
29.1752

■ 252.8340, -8.2992,
1.8996

■ 41.4750, -20.4472,
25.0164

■ 21.9610, -10.8268,
19.3282

■ 3.2890, -1.6215,

6.7625

■ 0.0000, 0.0000,
0.0000

■ 164.6910,
-31.3997, 37.9820

■ 164.6910,
-31.3997, 37.9820

■ 156.4270,
-37.6785, 45.2295

■ 172.9550,
-25.1208, 30.7345

■ 147.5760,
-43.6680, 52.9918

■ 181.8060,
-19.1314, 22.9721

■ 139.4260,
-49.5100, 60.1394

■ 189.9560,
-13.2893, 15.8246

■ 131.1620,
-55.7889, 67.3869

■ 198.2200, -7.0105,
8.5771

■ 123.8270,
-61.0467, 73.8197

■ 207.0710, -1.0210,
0.8147

■ 215.3350, 5.2578,
-6.4328

■ 223.5990, 11.5367,
-13.6803

■ 230.3810, 12.1372,
-19.6281

■ 236.8380, 8.9539,
-25.2909

Harmonies

Analogous

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



166.7220, -21.5549, 53.7408



164.6910, -31.3997, 37.9820



161.8960, -32.4867, 13.2462

Triad

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



164.6910, -31.3997, 37.9820



140.2170, 17.1480, -87.0133



168.9070, 24.6958, 12.3596

Complementary

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



164.6910, -31.3997, 37.9820



144.3090, 31.3997, -37.9820

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.



163.1840, 34.4193, -26.4714



164.6910, -31.3997, 37.9820



130.5460, 38.1848, -114.4888

Square

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



164.6910, -31.3997, 37.9820



151.4980, -5.6685, -48.6717



150.0490, 38.9228, -71.0800



169.8970, 9.9108, 41.3093

Rectangle

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



164.6910, -31.3997, 37.9820



159.1540, -27.1909, -5.3971



150.0490, 38.9228, -71.0800



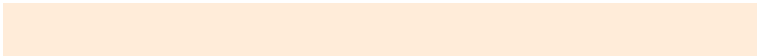
168.1550, 28.5176, -0.1359

Sweetspot

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



164.6910, -31.3997, 37.9820



239.5150, -11.0999, 13.5803



139.1490, 7.8145, 60.3823



118.3340, -6.5737, 8.4771



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.



164.6910, -31.3997, 37.9820



191.2020, -46.4416, 55.9508



195.8020, -46.7374, 10.6976



100.2240, -3.0684, 4.1886



100.1270, -49.3626, 59.5246



24.5860, -12.1209, 14.3951

Inverse Universe

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



144.3090, 31.3997, -37.9820



160.7980, 46.4416, -55.9508



113.1980, 46.7374, -10.6976



98.1890, 3.3578, -3.6738



67.8730, 49.3626, -59.5246



16.4140, 12.1209, -14.3951

Previews

White Background



This preview shows how the YUV color 164.6910, -31.3997, 37.9820 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 164.6910, -31.3997, 37.9820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

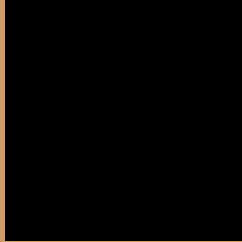
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 164.6910, -31.3997, 37.9820

Background



This preview shows how black text looks on a background with the YUV color 164.6910, -31.3997, 37.9820.



This preview shows how white text looks on a background with the YUV color 164.6910, -31.3997, 37.9820.

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

164.6910, -31.3997, 37.9820

Protanopia

163.2320, -28.7084, 14.7055

Deuteranopia

164.2450, -31.6728, 32.2341



Tritanopia

168.6890, -4.7767, 38.8607

Trichromacy



Original Color

164.6910, -31.3997, 37.9820

Protanomaly

163.7600, -29.4617, 23.0125

Deuteranomaly

164.5550, -31.8256, 34.5933

Tritanomaly

167.4580, -14.5228, 38.1863

Monochromacy



Original Color

164.6910, -31.3997, 37.9820

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

164.8140, -11.2473, 14.1951

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.6910, -31.3997, 37.9820 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(208, 155, 101)` looks like.

```
.text, #text, p{  
    color:rgb(208, 155, 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(208, 155, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 155, 101) }
```

Border

The CSS property to change the border of an element to YUV 164.6910, -31.3997, 37.9820 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(208, 155, 101) }
```


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

```
.border{ border-color:rgb(208, 155, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 155, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 155, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 155, 101);  
box-shadow:4px 4px 4px 4px rgb(208, 155,  
101) }
```

Background

The CSS property to change the background color of an element to YUV 164.6910, -31.3997, 37.9820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 155, 101) }
```

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

```
.background{ background-color: rgb(208,  
155, 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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