

Converting Colors

YUV(164.0490, -31.0832,
29.7750)

Have a look what the booklet for
YUV(164.0490, -31.0832, 29.7750)
contains.

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Color

**YUV(164.0490, -31.0832,
29.7750)**

Conversions

Conversions Part 1

Format	Color
Hex	C69F65
RGB	198, 159, 101
RGB Percent	78%, 62%, 40%
CMY	0.2235, 0.3765, 0.6039
CMYK	0.00, 0.20, 0.49, 0.22
HSL	36°, 46%, 59%
HSV	36°, 49%, 78%
XYZ	38.0358, 37.7416, 17.5921
YIQ	164.0490, 41.8620, -9.7700

Conversions

Conversions Part 2

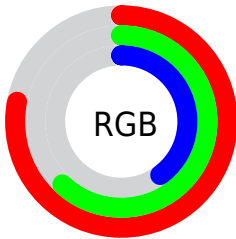
Format	Color
R_{YB}	166, 198, 101
Decimal	13016933
CIE _{Lab}	67.83, 7.12, 35.60
CIE _{LCh}	68, 36.309, 78.687
Yxy	37.7416, 0.4074, 0.4042
Android (android.graphics.Color)	4291207013 (0xFFC69F65)
YUV	164.0490, -31.0832, 29.7750
Hunter-Lab	61.4342, 3.0049, 26.0259

Details

The YUV color **164.0490, -31.0832, 29.7750** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **134.9510, 31.0832, -29.7750**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.3050, -32.6884, 31.3045**, and **111.7820, -29.4725, 26.5012** is the 20% darker color. If you saturate the color by 10%, you get **157.0730, -37.5040, 35.8930**, and if you desaturate by 10%, it is **171.0250, -24.6623, 23.6571**.

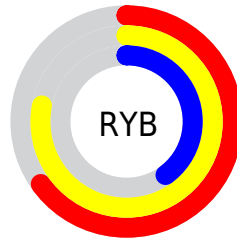
Distribution



Red (78%)

Green (62%)

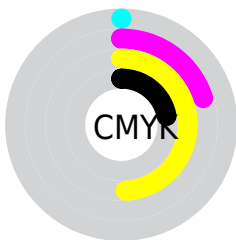
Blue (40%)



Red (65%)

Yellow (78%)

Blue (40%)

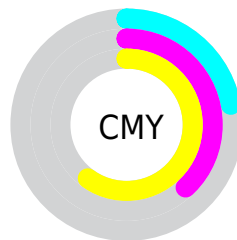


Cyan (0%)

Magenta (20%)

Yellow (49%)

Black (22%)



Cyan (22%)

Magenta (38%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.0490, -31.0832, 29.7750 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 164.0490, -31.0832, 29.7750 by changing the saturation by 10% instead.

■ 164.0490,
-31.0832, 29.7750

■ 164.0490,
-31.0832, 29.7750

255.0000, 0.0000,
0.0000

■ 137.5650,
-30.3515, 28.4455

■ 219.3050,
-32.6884, 31.3045

■ 111.7820,
-29.4725, 26.5012

■ 238.8190,
-28.9978, 14.1907

■ 86.9990, -28.5935,
24.5569

■ 249.6420,
-20.5295, 4.6990

■ 62.5750, -28.8775,
22.2977

■ 252.8340, -8.2992,
1.8996

■ 41.7300, -20.5729,
18.6538

■ 22.5150, -11.0999,
13.5803

■ 0.0000, 0.0000,

0.0000

■ 164.0490,
-31.0832, 29.7750

■ 164.0490,
-31.0832, 29.7750

■ 157.0730,
-37.5040, 35.8930

■ 171.0250,
-24.6623, 23.6571

■ 150.0970,
-43.9248, 42.0109

■ 178.0010,
-18.2415, 17.5391

■ 143.2350,
-49.9089, 48.0289

■ 184.8630,
-12.2575, 11.5211

■ 136.2590,
-56.3297, 54.1469

■ 191.8390, -5.8366,
5.4032

■ 129.2830,
-62.7505, 60.2648

■ 198.8150, 0.5842,
-0.7148

■ 128.4680,
-63.3347, 60.9796

■ 205.7910, 7.0050,
-6.8327

■ 212.7670, 13.4259,
-12.9507

■ 219.1730, 17.6627,
-18.5687

■ 223.8690, 15.3476,
-22.6871

Harmonies

Analogous

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



166.2930, -24.3014, 47.9780



164.0490, -31.0832, 29.7750



161.0520, -29.1126, 4.3394

Triad

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



164.0490, -31.0832, 29.7750



140.7700, 21.8054, -87.4983



169.2950, 19.5746, 21.6663

Complementary

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



164.0490, -31.0832, 29.7750



134.9510, 31.0832, -29.7750

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.



165.5340, 30.3027, -12.7463



164.0490, -31.0832, 29.7750



142.2010, 34.9039, -88.7533

Square

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



164.0490, -31.0832, 29.7750



150.0610, 0.4629, -55.3045



155.7740, 36.1004, -52.4218



169.2520, 4.8058, 45.3830

Rectangle

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



164.0490, -31.0832, 29.7750



158.0650, -22.2170, -14.0890



155.7740, 36.1004, -52.4218



168.5540, 23.3909, 10.9151

Sweetspot

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



164.0490, -31.0832, 29.7750



241.8630, -12.2575, 11.5211



134.5630, 3.1734, 55.6342



119.5080, -7.1524, 7.4475



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.



164.0490, -31.0832, 29.7750



202.6800, -48.1562, 45.8846



184.5500, -41.1902, 4.7796



95.6260, -2.7736, 2.9590



106.2630, -52.3877, 49.7583



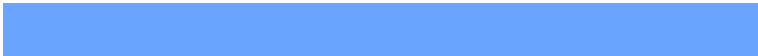
23.0910, -11.3839, 11.3212

Inverse Universe

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



134.9510, 31.0832, -29.7750



157.3200, 48.1562, -45.8846



114.4500, 41.1901, -4.7797



93.3740, 2.7736, -2.9590



57.3240, 52.0983, -50.2731



12.3220, 11.6733, -10.8064

Previews

White Background



This preview shows how the YUV color 164.0490, -31.0832, 29.7750 looks on a white background.

Color Contrast Check

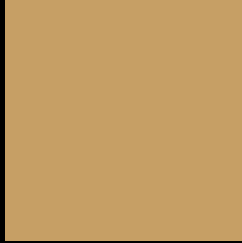
Large Text (above 18pt) WCAG AA × Fail

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 164.0490, -31.0832, 29.7750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

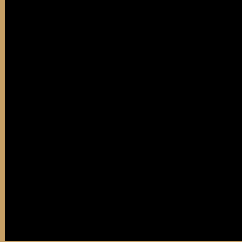
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 164.0490, -31.0832, 29.7750

Background



This preview shows how black text looks on a background with the YUV color 164.0490, -31.0832, 29.7750.



This preview shows how white text looks on a background with the YUV color 164.0490, -31.0832, 29.7750.

29.7750.

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

164.0490, -31.0832, 29.7750

Protanopia

162.4170, -29.2926, 15.4203

Deuteranopia

164.0600, -31.0886, 31.5194



Tritanopia

168.2150, -2.5710, 31.3834

Trichromacy



Original Color

164.0490, -31.0832, 29.7750

Protanomaly

163.2220, -30.1824, 20.8533

Deuteranomaly

163.7610, -30.9412, 30.9046

Tritanomaly

166.7560, -13.1907, 30.9090

Monochromacy



Original Color

164.0490, -31.0832, 29.7750

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

163.7920, -11.2365, 10.7064

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.0490, -31.0832, 29.7750 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(198, 159, 101)` looks like.

```
.text, #text, p{  
    color:rgb(198, 159, 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(198, 159, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 159, 101) }
```

Border

The CSS property to change the border of an element to YUV 164.0490, -31.0832, 29.7750 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(198, 159, 101) }
```


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

```
.border{ border-color:rgb(198, 159, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 159, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 159, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 159, 101);  
box-shadow:4px 4px 4px 4px rgb(198, 159,  
101) }
```

Background

The CSS property to change the background color of an element to YUV 164.0490, -31.0832, 29.7750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 159, 101) }
```

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

```
.background{ background-color: rgb(198,  
159, 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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