

Converting Colors

YUV(196.7440, -31.9188,
17.7645)

Have a look what the booklet for
YUV(196.7440, -31.9188, 17.7645)
contains.

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Color

**YUV(196.7440, -31.9188,
17.7645)**

Conversions

Conversions Part 1

Format	Color
Hex	D9C784
RGB	217, 199, 132
RGB Percent	85%, 78%, 52%
CMY	0.1490, 0.2196, 0.4824
CMYK	0.00, 0.08, 0.39, 0.15
HSL	47°, 53%, 68%
HSV	47°, 39%, 85%
XYZ	53.2036, 57.2645, 30.0788
YIQ	196.7440, 32.2350, -17.0210

Conversions

Conversions Part 2

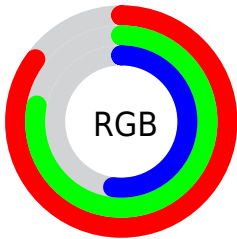
Format	Color
RYB	155, 217, 132
Decimal	14272388
CIELab	80.33, -3.14, 35.83
CIELCh	80, 35.964, 95.005
Yxy	57.2645, 0.3785, 0.4074
Android (android.graphics.Color)	4292462468 (0xFFD9C784)
YUV	196.7440, -31.9188, 17.7645
Hunter-Lab	75.6733, -6.9305, 29.4046

Details

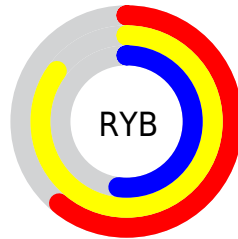
The YUV color **196.7440, -31.9188, 17.7645** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **152.2560, 31.9188, -17.7645**, and the grayscale version is **197.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **247.1340, -30.1391, 6.8985**, and **142.4880, -30.3136, 16.2350** is the 20% darker color. If you saturate the color by 10%, you get **191.3010, -40.0814, 22.5380**, and if you desaturate by 10%, it is **202.1870, -23.7562, 12.9910**.

Distribution



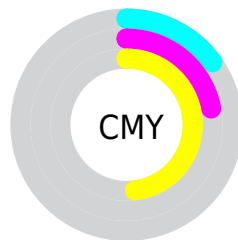
- Red (85%)
- Green (78%)
- Blue (52%)



- Red (61%)
- Yellow (85%)
- Blue (52%)



- Cyan (0%)
- Magenta (8%)
- Yellow (39%)
- Black (15%)



- Cyan (15%)
- Magenta (22%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.7440, -31.9188, 17.7645 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 196.7440, -31.9188, 17.7645 by changing the saturation by 10% instead.

■ 196.7440,
-31.9188, 17.7645

■ 196.7440,
-31.9188, 17.7645

255.0000, 0.0000,
0.0000

■ 169.5590,
-31.3346, 17.0498

■ 247.1340,
-30.1391, 6.8985

■ 142.4880,
-30.3136, 16.2350

■ 250.3260,
-17.9087, 4.0991

■ 117.0040,
-29.5820, 14.9055

■ 253.5180, -5.6784,
1.2997

■ 91.5200, -28.8504,
13.5760

■ 67.6940, -29.4291,
12.5464

■ 46.1050, -22.7298,
10.4319

■ 26.8900, -13.2568,

5.3585

■ 1.1740, -0.5788,
-1.0296

■ 0.0000, 0.0000,
0.0000

■ 196.7440,
-31.9188, 17.7645

■ 196.7440,
-31.9188, 17.7645

■ 191.3010,
-40.0814, 22.5380

■ 202.1870,
-23.7562, 12.9910

■ 186.5590,
-48.0966, 26.6968

■ 206.9290,
-15.7410, 8.8323

■ 181.1160,
-56.2592, 31.4703

■ 212.3720, -7.5784,
4.0588

■ 176.2600,
-64.7112, 35.7290

■ 217.2280, 0.8736,
-0.2000

■ 170.9310,
-72.4370, 40.4025

■ 222.6710, 9.0362,
-4.9735

■ 165.4880,
-80.5996, 45.1760

■ 227.2020, 13.7044,
-8.9472

■ 165.2600,
-81.4732, 45.3760

■ 229.5500, 12.5469,
-11.0063

■ 232.4850, 11.0999,
-13.5803

■ 234.8330, 9.9423,
-15.6395

Harmonies

Analogous

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



199.7560, -29.9527, 40.5560



196.7440, -31.9188, 17.7645



193.1040, -24.7013, -10.6152

Triad

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



196.7440, -31.9188, 17.7645



179.5240, 28.3357, -82.0205



204.3310, 11.6688, 37.4207

Complementary

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



196.7440, -31.9188, 17.7645



152.2560, 31.9188, -17.7645

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.



202.9880, 25.1489, 7.0265



196.7440, -31.9188, 17.7645



186.1270, 33.9544, -64.1324

Square

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



196.7440, -31.9188, 17.7645



182.0190, 10.8366, -69.2997



195.7940, 29.1886, -28.7603



200.6130, -2.7672, 47.6974

Rectangle

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



196.7440, -31.9188, 17.7645



189.3170, -14.4533, -30.9730



195.7940, 29.1886, -28.7603



204.2420, 16.6427, 28.7288

Sweetspot

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



196.7440, -31.9188, 17.7645



247.9440, -11.8044, 6.1881



159.4670, -4.6672, 50.4564



123.6000, -6.7048, 3.8588



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.



196.7440, -31.9188, 17.7645



226.6450, -45.1810, 24.8673



200.1340, -33.5901, -6.2565



106.9850, -3.9366, 2.6442



132.1460, -65.1480, 35.8290



34.8860, -17.1988, 9.7470

Inverse Universe

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



152.2560, 31.9188, -17.7645



163.9420, 44.8916, -25.3821



148.8660, 33.5901, 6.2565



101.4280, 4.2260, -2.1294



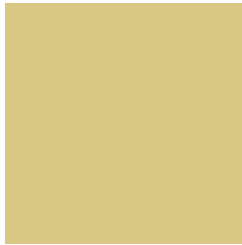
41.4410, 64.8586, -36.3438



11.1140, 17.1988, -9.7470

Previews

White Background



This preview shows how the YUV color 196.7440, -31.9188, 17.7645 looks on a white background.

Color Contrast Check

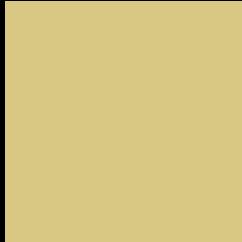
Large Text (above 18pt) WCAG AA × Fail

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 196.7440, -31.9188, 17.7645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

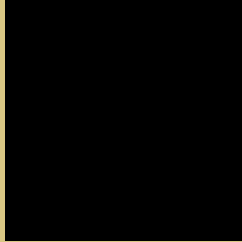
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

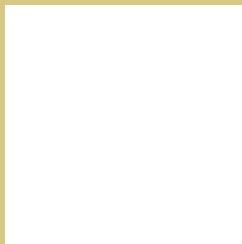
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 196.7440, -31.9188, 17.7645

Background



This preview shows how black text looks on a background with the YUV color 196.7440, -31.9188, 17.7645.



This preview shows how white text looks on a background with the YUV color 196.7440, -31.9188, 17.7645.

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

196.7440, -31.9188, 17.7645

Protanopia

196.4450, -31.7714, 17.1497

Deuteranopia

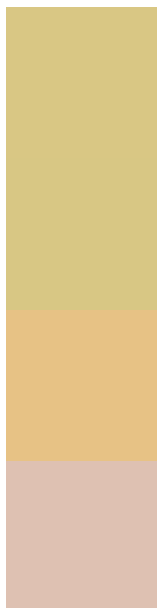
198.8540, -31.9730, 35.2080



Tritanopia

202.1750, 1.3927, 20.0175

Trichromacy



Original Color

196.7440, -31.9188, 17.7645

Protanomaly

196.4450, -31.7714, 17.1497

Deuteranomaly

198.1090, -32.0987, 28.8454

Tritanomaly

199.9610, -10.8268, 19.3282

Monochromacy



Original Color

196.7440, -31.9188, 17.7645

Achromatopsia

197.0000, 0.0000, 0.0000

Achromatomaly

196.9440, -11.8044, 6.1881

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.7440, -31.9188, 17.7645 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(217, 199, 132)` looks like.

```
.text, #text, p{  
    color:rgb(217, 199, 132)  
}
```

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(217, 199, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 199, 132) }
```

Border

The CSS property to change the border of an element to YUV 196.7440, -31.9188, 17.7645 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(217, 199, 132) }
```


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

```
.border{ border-color:rgb(217, 199, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 199, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 199, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 199, 132);  
box-shadow:4px 4px 4px 4px rgb(217, 199,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 196.7440, -31.9188, 17.7645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 199, 132) }
```

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

```
.background{ background-color: rgb(217,  
199, 132) }
```

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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