

Converting Colors

YUV(200.7440, -31.9188,
17.7645)

Have a look what the booklet for
YUV(200.7440, -31.9188, 17.7645)
contains.

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Color

**YUV(200.7440, -31.9188,
17.7645)**

Conversions

Conversions Part 1

Format	Color
Hex	DDCB88
RGB	221, 203, 136
RGB Percent	87%, 80%, 53%
CMY	0.1333, 0.2039, 0.4667
CMYK	0.00, 0.08, 0.38, 0.13
HSL	47°, 56%, 70%
HSV	47°, 38%, 87%
XYZ	55.6187, 59.8616, 31.9156
YIQ	200.7440, 32.2350, -17.0210

Conversions

Conversions Part 2

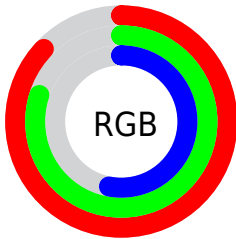
Format	Color
RYB	159, 221, 136
Decimal	14535560
CIELab	81.76, -3.18, 35.70
CIELCh	82, 35.843, 95.088
Yxy	59.8616, 0.3773, 0.4061
Android (android.graphics.Color)	4292725640 (0xFFDDCB88)
YUV	200.7440, -31.9188, 17.7645
Hunter-Lab	77.3703, -7.0809, 29.7018

Details

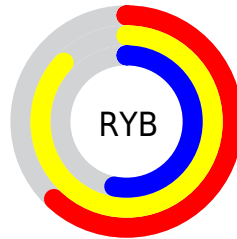
The YUV color $200.7440, -31.9188, 17.7645$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $156.2560, 31.9188, -17.7645$, and the grayscale version is $201.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $247.5900, -28.3919, 6.4986$, and $146.4880, -30.3136, 16.2350$ is the 20% darker color. If you saturate the color by 10%, you get $195.3010, -40.0814, 22.5380$, and if you desaturate by 10%, it is $206.1870, -23.7562, 12.9910$.

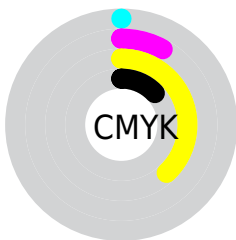
Distribution



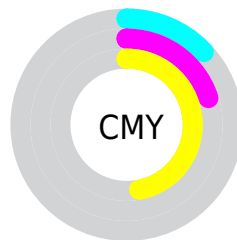
- Red (87%)
- Green (80%)
- Blue (53%)



- Red (62%)
- Yellow (87%)
- Blue (53%)



- Cyan (0%)
- Magenta (8%)
- Yellow (38%)
- Black (13%)



- Cyan (13%)
- Magenta (20%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 200.7440, -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 200.7440, -31.9188, 17.7645 by changing the saturation by 10% instead.

■ 200.7440,
-31.9188, 17.7645

■ 200.7440,
-31.9188, 17.7645

■ 255.0000, 0.0000,
0.0000

■ 173.2600,
-31.1872, 16.4350

■ 247.5900,
-28.3919, 6.4986

■ 146.4880,
-30.3136, 16.2350

■ 250.7820,
-16.1615, 3.6992

■ 120.1180,
-29.1452, 14.8055

■ 254.0880, -3.4944,
0.7998

■ 95.5200, -28.8504,
13.5760

■ 70.9220, -28.5555,
12.3464

■ 48.7630, -24.0402,
10.7318

■ 29.5480, -14.5672,

5.6584

■ 5.8810, -2.8993,
-3.4036

■ 0.0000, 0.0000,
0.0000

■ 200.7440,
-31.9188, 17.7645

■ 200.7440,
-31.9188, 17.7645

■ 195.3010,
-40.0814, 22.5380

■ 206.1870,
-23.7562, 12.9910

■ 190.4450,
-48.5334, 26.7967

■ 211.0430,
-15.3042, 8.7323

■ 185.0020,
-56.6960, 31.5702

■ 216.4860, -7.1416,
3.9588

■ 179.5590,
-64.8586, 36.3438

■ 221.9290, 1.0210,
-0.8147

■ 174.5890,
-73.7474, 40.7024

■ 226.8990, 9.9098,
-5.1734

■ 169.1460,
-81.9100, 45.4760

■ 230.7460, 11.9572,
-8.5472

■ 168.2170,
-82.9310, 46.2907

■ 233.6810, 10.5103,
-11.1212

■ 236.0290, 9.3527,
-13.1804

■ 238.9640, 7.9057,
-15.7544

Harmonies

Analogous

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



203.7560, -29.9527, 40.5560



200.7440, -31.9188, 17.7645



197.1040, -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.



200.7440, -31.9188, 17.7645



183.8230, 28.1883, -81.4058



208.3310, 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.



200.7440, -31.9188, 17.7645



156.2560, 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.



206.6460, 23.8385, 7.3265



200.7440, -31.9188, 17.7645



189.9700, 32.0598, -63.1177

Square

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



200.7440, -31.9188, 17.7645



186.3180, 10.6892, -68.6849



199.3380, 27.4414, -28.3604



203.4170, -2.1776, 45.2383

Rectangle

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



200.7440, -31.9188, 17.7645



193.3170, -14.4533, -30.9730



199.3380, 27.4414, -28.3604



208.2420, 16.6427, 28.7288

Sweetspot

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



200.7440, -31.9188, 17.7645



247.9440, -11.8044, 6.1881



163.4670, -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.



200.7440, -31.9188, 17.7645



226.9870, -43.8706, 24.5674



204.1340, -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.



156.2560, 31.9188, -17.7645



166.0130, 43.8706, -24.5674



152.8660, 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 200.7440, -31.9188, 17.7645 looks on a white background.

Color Contrast Check

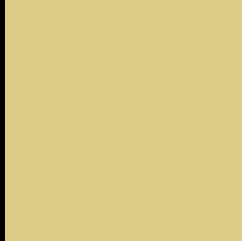
Large Text (above 18pt) WCAG AA × Fail

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 200.7440, -31.9188, 17.7645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

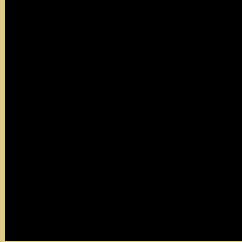
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 200.7440, -31.9188, 17.7645

Background



This preview shows how black text looks on a background with the YUV color 200.7440, -31.9188, 17.7645.



This preview shows how white text looks on a background with the YUV color 200.7440, -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

200.7440, -31.9188, 17.7645

Protanopia

200.4450, -31.7714, 17.1497

Deuteranopia

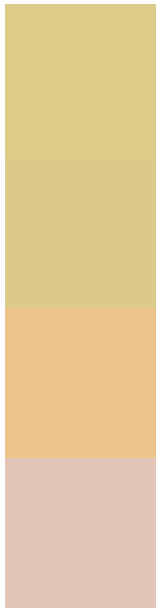
202.2670, -31.6836, 35.7228



Tritanopia

206.1750, 1.3927, 20.0175

Trichromacy



Original Color

200.7440, -31.9188, 17.7645

Protanomaly

200.4450, -31.7714, 17.1497

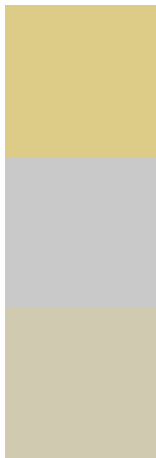
Deuteranomaly

201.5220, -31.8093, 29.3602

Tritanomaly

203.9610, -10.8268, 19.3282

Monochromacy



Original Color

200.7440, -31.9188, 17.7645

Achromatopsia

201.0000, 0.0000, 0.0000

Achromatomaly

200.9440, -11.8044, 6.1881

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.7440, -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(221, 203, 136)` looks like.

```
.text, #text, p{  
    color:rgb(221, 203, 136)  
}
```

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(221, 203, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 203, 136) }
```

Border

The CSS property to change the border of an element to YUV 200.7440, -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(221, 203, 136) }
```


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

```
.border{ border-color:rgb(221, 203, 136) }
```

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

Here you see how a box with a 4 pixel rgb(221, 203, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 203, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 203, 136);  
box-shadow:4px 4px 4px 4px rgb(221, 203,  
136) }
```

Background

The CSS property to change the background color of an element to YUV 200.7440, -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(221, 203, 136) }
```

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

```
.background{ background-color: rgb(221,  
203, 136) }
```

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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