

Converting Colors

YUV(185.1900, -31.6457,
23.5124)

Have a look what the booklet for
YUV(185.1900, -31.6457, 23.5124)
contains.

YUV(185.1900, -31.6457, 23.5124)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(185.1900, -31.6457,
23.5124)**

Conversions

Conversions Part 1

Format	Color
Hex	D4B879
RGB	212, 184, 121
RGB Percent	83%, 72%, 47%
CMY	0.1686, 0.2784, 0.5255
CMYK	0.00, 0.13, 0.43, 0.17
HSL	42°, 51%, 65%
HSV	42°, 43%, 83%
XYZ	47.7431, 49.6585, 25.1579
YIQ	185.1900, 36.9110, -13.6570

Conversions

Conversions Part 2

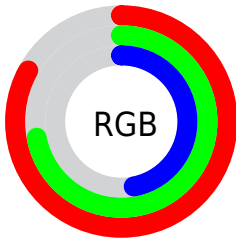
Format	Color
RYB	161, 212, 121
Decimal	13940857
CIELab	75.86, 1.52, 35.65
CIElCh	76, 35.685, 87.566
Yxy	49.6585, 0.3896, 0.4052
Android (android.graphics.Color)	4292130937 (0xFFD4B879)
YUV	185.1900, -31.6457, 23.5124
Hunter-Lab	70.4688, -2.3855, 28.1612

Details

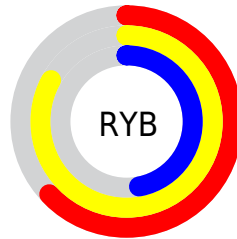
The YUV color **185.1900, -31.6457, 23.5124** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **147.8100, 31.6457, -23.5124**, and the grayscale version is **185.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.9610, -31.0398, 15.8202**, and **131.6350, -29.8931, 21.3681** is the 20% darker color. If you saturate the color by 10%, you get **178.6870, -38.7927, 29.2155**, and if you desaturate by 10%, it is **191.6930, -24.4986, 17.8092**.

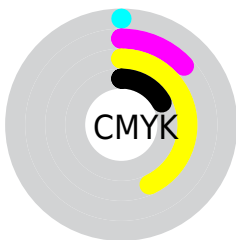
Distribution



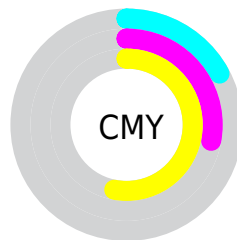
- Red (83%)
- Green (72%)
- Blue (47%)



- Red (63%)
- Yellow (83%)
- Blue (47%)



- Cyan (0%)
- Magenta (13%)
- Yellow (43%)
- Black (17%)



- Cyan (17%)
- Magenta (28%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 185.1900, -31.6457, 23.5124 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 185.1900, -31.6457, 23.5124 by changing the saturation by 10% instead.

■ 185.1900,
-31.6457, 23.5124

■ 185.1900,
-31.6457, 23.5124

255.0000, 0.0000,
0.0000

■ 158.1190,
-30.6247, 22.6976

■ 236.9610,
-31.0398, 15.8202

■ 131.6350,
-29.8931, 21.3681

■ 248.9580,
-23.1503, 5.2988

■ 106.1510,
-29.1614, 20.0386

■ 252.1500,
-10.9200, 2.4994

■ 81.3680, -28.2824,
18.0943

■ 57.3570, -28.2770,
16.3499

■ 37.8540, -18.6620,
12.4060

■ 18.6390, -9.1890,

7.3326

■ 0.0000, 0.0000,
0.0000

■ 185.1900,
-31.6457, 23.5124

■ 185.1900,
-31.6457, 23.5124

■ 178.6870,
-38.7927, 29.2155

■ 191.6930,
-24.4986, 17.8092

■ 172.7710,
-46.2291, 34.4038

■ 197.6090,
-17.0622, 12.6209

■ 166.1540,
-53.8129, 40.2069

■ 204.2260, -9.4784,
6.8178

■ 160.2380,
-61.2493, 45.3953

■ 210.1420, -2.0420,
1.6295

■ 153.7350,
-68.3964, 51.0984

■ 216.6450, 5.1050,
-4.0737

■ 149.6770,
-73.7908, 54.6573

■ 222.5610, 12.5414,
-9.2620

■ 227.4680, 13.5733,
-13.5654

■ 230.9900, 11.8369,
-16.6542

■ 235.0990, 9.8112,
-20.2578

Harmonies

Analogous

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



187.7610, -27.4902, 44.0596



185.1900, -31.6457, 23.5124



181.6920, -26.4702, -3.2379

Triad

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



185.1900, -31.6457, 23.5124



165.9000, 24.6993, -82.3503



191.6120, 15.4743, 30.1583

Complementary

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



185.1900, -31.6457, 23.5124



147.8100, 31.6457, -23.5124

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.



189.2150, 27.5020, -1.0656



185.1900, -31.6457, 23.5124



171.5990, 34.7077, -72.4393

Square

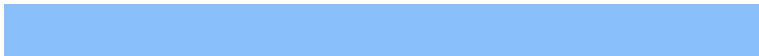
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



185.1900, -31.6457, 23.5124



171.0970, 5.8682, -62.3521



182.1070, 34.4572, -38.6818



191.0200, -0.0099, 49.9715

Rectangle

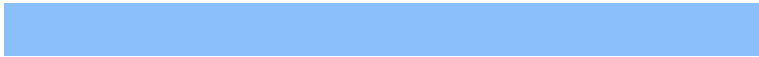
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



185.1900, -31.6457, 23.5124



178.7480, -18.1168, -22.5810



182.1070, 34.4572, -38.6818



191.6970, 19.8694, 20.4367

Sweetspot

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



185.1900, -31.6457, 23.5124



245.3680, -11.5204, 8.4473



151.5150, -0.7469, 53.0453



121.4970, -7.1470, 5.7031



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.



185.1900, -31.6457, 23.5124



215.7710, -46.2291, 34.4038



196.5430, -37.2427, -1.3532



103.9850, -3.9366, 2.6442



120.3950, -59.3547, 44.3806



30.4670, -15.0202, 10.9914

Inverse Universe

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



147.8100, 31.6457, -23.5124



161.2290, 46.2291, -34.4038



136.4570, 37.2427, 1.3532



99.6020, 3.6472, -3.1590



50.6050, 59.3547, -44.3806



12.5330, 15.0202, -10.9914

Previews

White Background



This preview shows how the YUV color 185.1900, -31.6457, 23.5124 looks on a white background.

Color Contrast Check

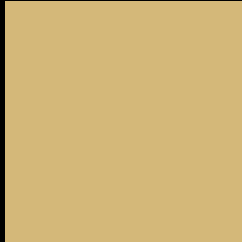
Large Text (above 18pt) WCAG AA × Fail

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 185.1900, -31.6457, 23.5124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

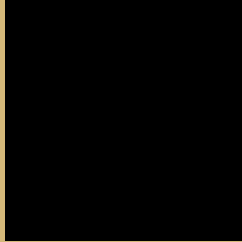
Any Text WCAG AA ✓ Pass

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 185.1900, -31.6457, 23.5124 Background



This preview shows how black text looks on a background with the YUV color 185.1900, -31.6457, 23.5124.



This preview shows how white text looks on a background with the YUV color 185.1900, -31.6457, 23.5124.

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

185.1900, -31.6457, 23.5124

Protanopia

184.3740, -30.7504, 16.3350

Deuteranopia

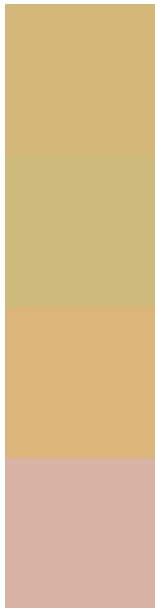
186.2560, -31.6782, 33.9785



Tritanopia

190.3390, -0.6601, 25.1357

Trichromacy



Original Color

185.1900, -31.6457, 23.5124

Protanomaly

184.6840, -30.9032, 18.6941

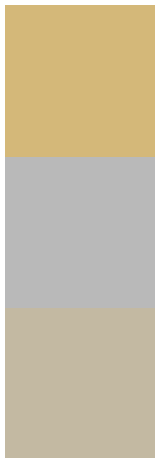
Deuteranomaly

185.9350, -31.5200, 29.8750

Tritanomaly

188.3530, -12.0060, 24.2464

Monochromacy



Original Color

185.1900, -31.6457, 23.5124

Achromatopsia

185.0000, 0.0000, 0.0000

Achromatomaly

185.3680, -11.5204, 8.4473

CSS Examples

Text

The CSS property to change the color of the text to YUV 185.1900, -31.6457, 23.5124 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(212, 184, 121)` looks like.

```
.text, #text, p{  
    color:rgb(212, 184, 121)  
}
```

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(212, 184, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 184, 121) }
```

Border

The CSS property to change the border of an element to YUV 185.1900, -31.6457, 23.5124 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(212, 184, 121) }
```


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

```
.border{ border-color:rgb(212, 184, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 184, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 184, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 184, 121);  
box-shadow:4px 4px 4px 4px rgb(212, 184,  
121) }
```

Background

The CSS property to change the background color of an element to YUV 185.1900, -31.6457, 23.5124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 184, 121) }
```

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

```
.background{ background-color: rgb(212,  
184, 121) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor