

Converting Colors

YUV(175.8650, -31.9784,
36.9524)

Have a look what the booklet for
YUV(175.8650, -31.9784, 36.9524)
contains.

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Color

**YUV(175.8650, -31.9784,
36.9524)**

Conversions

Conversions Part 1

Format	Color
Hex	DAA76F
RGB	218, 167, 111
RGB Percent	85%, 65%, 44%
CMY	0.1451, 0.3451, 0.5647
CMYK	0.00, 0.23, 0.49, 0.15
HSL	31°, 59%, 65%
HSV	31°, 49%, 85%
XYZ	45.6014, 43.6906, 21.0686
YIQ	175.8650, 48.3720, -6.6040

Conversions

Conversions Part 2

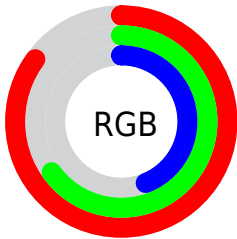
Format	Color
R _Y B	208, 218, 111
Decimal	14329711
CIE Lab	72.02, 12.02, 36.08
CIE LCh	72, 38.032, 71.569
Yxy	43.6906, 0.4132, 0.3959
Android (android.graphics.Color)	4292519791 (0xFFDAA76F)
YUV	175.8650, -31.9784, 36.9524
Hunter-Lab	66.0988, 7.4737, 27.3709

Details

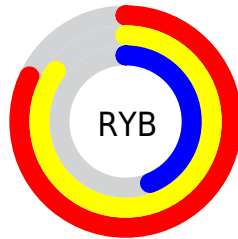
The YUV color $175.8650, -31.9784, 36.9524$ is a light color, and the websafe version is hex $CC9966$. A complement of this color would be $153.1350, 31.9784, -36.9524$, and the grayscale version is $176.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $225.1410, -30.6355, 26.1863$, and $122.7120, -29.9310, 33.5786$ is the 20% darker color. If you saturate the color by 10%, you get $167.4870, -38.6941, 44.2999$, and if you desaturate by 10%, it is $184.2430, -25.2628, 29.6049$.

Distribution



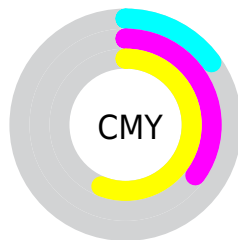
- Red (85%)
- Green (65%)
- Blue (44%)



- Red (82%)
- Yellow (85%)
- Blue (44%)



- Cyan (0%)
- Magenta (23%)
- Yellow (49%)
- Black (15%)



- Cyan (15%)
- Magenta (35%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.8650, -31.9784, 36.9524 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 175.8650, -31.9784, 36.9524 by changing the saturation by 10% instead.

■ 175.8650,
-31.9784, 36.9524

■ 175.8650,
-31.9784, 36.9524

255.0000, 0.0000,
0.0000

■ 149.0820,
-31.0994, 35.0081

■ 225.1410,
-30.6355, 26.1863

■ 122.7120,
-29.9310, 33.5786

■ 245.3560,
-26.7975, 8.4578

■ 97.5160, -29.3414,
31.1195

■ 250.8960,
-15.7247, 3.5992

■ 72.7330, -28.4624,
29.1752

■ 254.2020, -3.0576,
0.6998

■ 50.3350, -24.8152,
26.0162

■ 29.9350, -14.7580,
20.2280

■ 8.9700, -4.4222,

18.4433

■ 0.0000, 0.0000,
0.0000

■ 175.8650,
-31.9784, 36.9524

■ 175.8650,
-31.9784, 36.9524

■ 167.4870,
-38.6941, 44.2999

■ 184.2430,
-25.2628, 29.6049

■ 158.5220,
-45.1203, 52.1622

■ 193.2080,
-18.8365, 21.7426

■ 150.2580,
-51.3992, 59.4097

■ 201.4720,
-12.5577, 14.4951

■ 141.2930,
-57.8254, 67.2720

■ 210.4370, -6.1314,
6.6328

■ 132.9150,
-64.5411, 74.6195

■ 218.8150, 0.5842,
-0.7148

■ 132.1000,
-65.1253, 75.3343

■ 227.1930, 7.2999,
-8.0623

■ 235.1320, 9.7949,
-15.0248

■ 241.0020, 6.9010,
-20.1728

■ 243.9370, 5.4541,
-22.7467

Harmonies

Analogous

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



178.0810, -22.7179, 53.4260



175.8650, -31.9784, 36.9524



172.9990, -32.0445, 11.4019

Triad

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



175.8650, -31.9784, 36.9524



153.0540, 17.7214, -84.2394



180.9890, 23.6694, 14.9186

Complementary

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



175.8650, -31.9784, 36.9524



153.1350, 31.9784, -36.9524

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.



175.0920, 33.9716, -22.8827



175.8650, -31.9784, 36.9524



149.0640, 35.9574, -100.0341

Square

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



175.8650, -31.9784, 36.9524



162.7150, -4.7895, -50.6161



163.3810, 38.7592, -65.2321



180.9790, 8.8844, 43.8684

Rectangle

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



175.8650, -31.9784, 36.9524



169.9580, -26.6013, -7.8562



163.3810, 38.7592, -65.2321



179.6500, 27.7806, 2.9380

Sweetspot

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



175.8650, -31.9784, 36.9524



240.1020, -11.3893, 13.0655



148.9210, 6.9409, 60.5823



118.9210, -6.8631, 7.9623



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.



175.8650, -31.9784, 36.9524



195.6360, -44.6835, 52.0622



205.2040, -46.4426, 9.4681



105.2240, -3.0684, 4.1886



105.1440, -51.8360, 59.5097



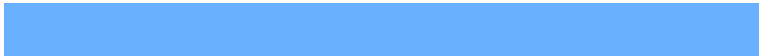
27.8420, -13.7261, 15.9246

Inverse Universe

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



153.1350, 31.9784, -36.9524



163.7770, 44.9729, -51.5474



123.7960, 46.4426, -9.4681



103.1890, 3.3578, -3.6738



68.4430, 51.5466, -60.0245



18.1580, 13.7261, -15.9246

Previews

White Background



This preview shows how the YUV color 175.8650, -31.9784, 36.9524 looks on a white background.

Color Contrast Check

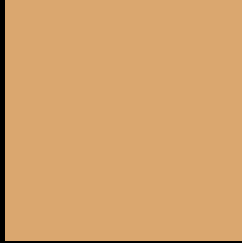
Large Text (above 18pt) WCAG AA × Fail

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 175.8650, -31.9784, 36.9524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

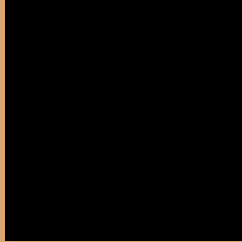
Any Text WCAG AA ✓ Pass

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 175.8650, -31.9784, 36.9524 Background



This preview shows how black text looks on a background with the YUV color 175.8650, -31.9784, 36.9524.



This preview shows how white text looks on a background with the YUV color 175.8650, -31.9784, 36.9524.

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

175.8650, -31.9784, 36.9524

Protanopia

174.4170, -29.2926, 15.4203

Deuteranopia

175.8430, -31.9676, 33.4637



Tritanopia

179.6180, -3.7557, 38.0460

Trichromacy



Original Color

175.8650, -31.9784, 36.9524

Protanomaly

174.6460, -29.8985, 23.1125

Deuteranomaly

175.5550, -31.8256, 34.5933

Tritanomaly

178.2730, -13.9386, 37.4716

Monochromacy



Original Color

175.8650, -31.9784, 36.9524

Achromatopsia

176.0000, 0.0000, 0.0000

Achromatomaly

175.9880, -11.8261, 13.1655

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.8650, -31.9784, 36.9524 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(218, 167, 111)` looks like.

```
.text, #text, p{  
    color:rgb(218, 167, 111)  
}
```

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(218, 167, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 167, 111) }
```

Border

The CSS property to change the border of an element to YUV 175.8650, -31.9784, 36.9524 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(218, 167, 111) }
```


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

```
.border{ border-color:rgb(218, 167, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 167, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 167, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 167, 111);  
box-shadow:4px 4px 4px 4px rgb(218, 167,  
111) }
```

Background

The CSS property to change the background color of an element to YUV 175.8650, -31.9784, 36.9524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 167, 111) }
```

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

```
.background{ background-color: rgb(218,  
167, 111) }
```

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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