

Converting Colors

YUV(175.4150, -36.1936,
35.5930)

Have a look what the booklet for
YUV(175.4150, -36.1936, 35.5930)
contains.

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Color

**YUV(175.4150, -36.1936,
35.5930)**

Conversions

Conversions Part 1

Format	Color
Hex	D8A966
RGB	216, 169, 102
RGB Percent	85%, 66%, 40%
CMY	0.1529, 0.3373, 0.6000
CMYK	0.00, 0.22, 0.53, 0.15
HSL	35°, 59%, 62%
HSV	35°, 53%, 85%
XYZ	44.9051, 43.9342, 18.6838
YIQ	175.4150, 49.5190, -10.8730

Conversions

Conversions Part 2

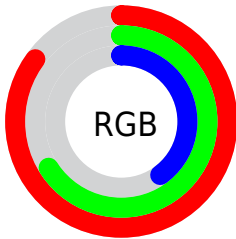
Format	Color
R _Y B	182, 216, 102
Decimal	14199142
CIE Lab	72.18, 9.32, 40.90
CIE LCh	72, 41.952, 77.166
Yxy	43.9342, 0.4176, 0.4086
Android (android.graphics.Color)	4292389222 (0xFFD8A966)
YUV	175.4150, -36.1936, 35.5930
Hunter-Lab	66.2829, 4.9347, 29.6854

Details

The YUV color $175.4150, -36.1936, 35.5930$ is a light color, and the websafe version is hex $CC9966$. A complement of this color would be $142.5850, 36.1936, -35.5930$, and the grayscale version is $176.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $225.2890, -35.1455, 26.0565$, and $121.9630, -33.9988, 31.6044$ is the 20% darker color. If you saturate the color by 10%, you get $167.6240, -43.1986, 42.4258$, and if you desaturate by 10%, it is $183.2060, -29.1886, 28.7603$.

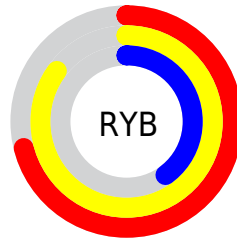
Distribution



Red (85%)

Green (66%)

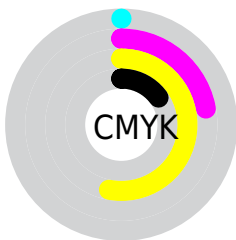
Blue (40%)



Red (71%)

Yellow (85%)

Blue (40%)

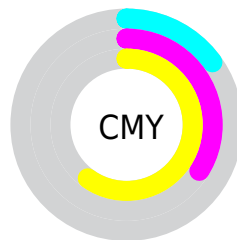


Cyan (0%)

Magenta (22%)

Yellow (53%)

Black (15%)



Cyan (15%)

Magenta (34%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.4150, -36.1936, 35.5930 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 175.4150, -36.1936, 35.5930 by changing the saturation by 10% instead.

■ 175.4150,
-36.1936, 35.5930

■ 175.4150,
-36.1936, 35.5930

■ 255.0000, 0.0000,
0.0000

■ 148.6320,
-35.3146, 33.6487

■ 225.2890,
-35.1455, 26.0565

■ 121.9630,
-33.9988, 31.6044

■ 245.3900,
-31.7443, 8.4280

■ 96.9520, -33.9933,
29.8601

■ 249.7560,
-20.0927, 4.5990

■ 71.5280, -34.2773,
27.6009

■ 253.0620, -7.4256,
1.6996

■ 50.6120, -24.9517,
23.1423

■ 30.5110, -15.0419,
17.9689

■ 8.0730, -3.9800,

16.5990

■ 0.0000, 0.0000,
0.0000

■ 175.4150,
-36.1936, 35.5930

■ 175.4150,
-36.1936, 35.5930

■ 167.6240,
-43.1986, 42.4258

■ 183.2060,
-29.1886, 28.7603

■ 159.9470,
-49.7669, 49.1585

■ 190.8830,
-22.6203, 22.0276

■ 152.1560,
-56.7719, 55.9912

■ 198.6740,
-15.6153, 15.1949

■ 144.4790,
-63.3401, 62.7239

■ 206.3510, -9.0470,
8.4622

■ 139.1330,
-68.5926, 67.4124

■ 214.1420, -2.0420,
1.6295

■ 221.3460, 5.2524,
-4.6884

■ 229.0230, 11.8207,
-11.4212

■ 234.5340, 10.0897,
-16.2543

■ 239.8170, 7.4852,
-20.8875

Harmonies

Analogous

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



177.8380, -27.5281, 56.2701



175.4150, -36.1936, 35.5930



172.2820, -34.6490, 6.7687

Triad

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



175.4150, -36.1936, 35.5930



138.2110, 29.4760, -121.2110



181.9300, 23.2055, 23.7404

Complementary

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



175.4150, -36.1936, 35.5930



142.5850, 36.1936, -35.5930

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.



176.6950, 36.1394, -18.1495



175.4150, -36.1936, 35.5930



140.3260, 45.1953, -123.0659

Square

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



175.4150, -36.1936, 35.5930



158.2940, 0.3481, -65.1558



163.5100, 43.1326, -67.9763



181.1650, 6.8207, 52.4753

Rectangle

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



175.4150, -36.1936, 35.5930



168.5010, -26.8690, -15.3484



163.5100, 43.1326, -67.9763



181.1070, 28.0482, 10.4302

Sweetspot

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



175.4150, -36.1936, 35.5930



240.3470, -12.9891, 12.8507



141.4440, 3.7251, 65.3856



119.2800, -8.0260, 7.6474



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.



175.4150, -36.1936, 35.5930



197.9040, -51.2247, 50.0732



200.3130, -48.4683, 5.8645



103.3980, -3.6472, 3.1590



109.8290, -54.1457, 53.6470



27.5320, -13.5733, 13.5654

Inverse Universe

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



142.5850, 36.1936, -35.5930



151.6830, 50.9353, -50.5880



117.9860, 48.3209, -5.2497



100.1890, 3.3578, -3.6738



60.5840, 54.4351, -53.1322



15.4680, 13.5733, -13.5654

Previews

White Background



This preview shows how the YUV color 175.4150, -36.1936, 35.5930 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 175.4150, -36.1936, 35.5930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

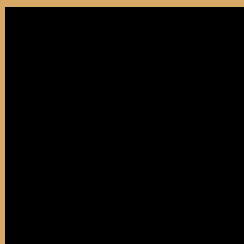
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 175.4150, -36.1936, 35.5930

Background



This preview shows how black text looks on a background with the YUV color 175.4150, -36.1936, 35.5930.



This preview shows how white text looks on a background with the YUV color 175.4150, -36.1936, 35.5930.

35.5930.

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

175.4150, -36.1936, 35.5930

Protanopia

173.8750, -33.9554, 17.6496

Deuteranopia

175.4150, -36.1936, 35.5930



Tritanopia

180.6070, -3.7503, 36.3017

Trichromacy



Original Color

175.4150, -36.1936, 35.5930

Protanomaly

174.3920, -34.7033, 24.2122

Deuteranomaly

175.4150, -36.1936, 35.5930

Tritanomaly

178.8060, -15.6804, 36.1271

Monochromacy



Original Color

175.4150, -36.1936, 35.5930

Achromatopsia

175.0000, 0.0000, 0.0000

Achromatomaly

175.2330, -13.4259, 12.9507

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.4150, -36.1936, 35.5930 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(216, 169, 102)` looks like.

```
.text, #text, p{  
    color:rgb(216, 169, 102)  
}
```

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(216, 169, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 169, 102) }
```

Border

The CSS property to change the border of an element to YUV 175.4150, -36.1936, 35.5930 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(216, 169, 102) }
```


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

```
.border{ border-color:rgb(216, 169, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 169, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 169, 102); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 169, 102); box-shadow:4px 4px 4px 4px rgb(216, 169, 102) }
```

Background

The CSS property to change the background color of an element to YUV 175.4150, -36.1936, 35.5930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 169, 102) }
```

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

```
.background{ background-color: rgb(216,  
169, 102) }
```

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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