

Converting Colors

YUV(173.6110, -36.7832,
38.0522)

Have a look what the booklet for
YUV(173.6110, -36.7832, 38.0522)
contains.

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Color

**YUV(173.6110, -36.7832,
38.0522)**

Conversions

Conversions Part 1

Format	Color
Hex	D9A663
RGB	217, 166, 99
RGB Percent	85%, 65%, 39%
CMY	0.1490, 0.3490, 0.6118
CMYK	0.00, 0.24, 0.54, 0.15
HSL	34°, 61%, 62%
HSV	34°, 54%, 85%
XYZ	44.5036, 42.9250, 17.7441
YIQ	173.6110, 51.9030, -10.0250

Conversions

Conversions Part 2

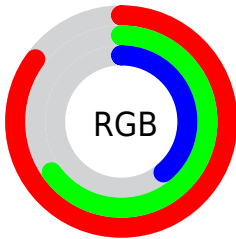
Format	Color
RYB	189, 217, 99
Decimal	14263907
CIELab	71.50, 11.09, 41.63
CIELCh	72, 43.077, 75.085
Yxy	42.9250, 0.4231, 0.4081
Android (android.graphics.Color)	4292453987 (0xFFD9A663)
YUV	173.6110, -36.7832, 38.0522
Hunter-Lab	65.5172, 6.5940, 29.8044

Details

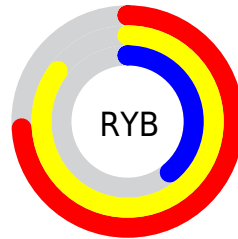
The YUV color **173.6110, -36.7832, 38.0522** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **142.3890, 36.7832, -38.0522**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.1860, -35.5877, 27.9009**, and **120.1590, -34.5884, 34.0636** is the 20% darker color. If you saturate the color by 10%, you get **165.8200, -43.7883, 44.8849**, and if you desaturate by 10%, it is **181.4020, -29.7782, 31.2194**.

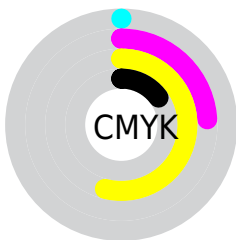
Distribution



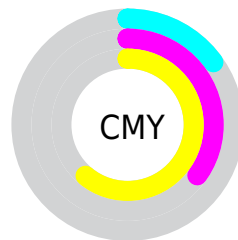
- Red (85%)
- Green (65%)
- Blue (39%)



- Red (74%)
- Yellow (85%)
- Blue (39%)



- Cyan (0%)
- Magenta (24%)
- Yellow (54%)
- Black (15%)



- Cyan (15%)
- Magenta (35%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.6110, -36.7832, 38.0522 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 173.6110, -36.7832, 38.0522 by changing the saturation by 10% instead.

■ 173.6110,
-36.7832, 38.0522

■ 173.6110,
-36.7832, 38.0522

255.0000, 0.0000,
0.0000

■ 146.8280,
-35.9042, 36.1078

■ 223.1860,
-35.5877, 27.9009

■ 120.1590,
-34.5884, 34.0636

■ 243.2870,
-32.1865, 10.2723

■ 94.8490, -34.4356,
31.7044

■ 249.4140,
-21.4031, 4.8989

■ 69.8380, -34.4301,
29.9601

■ 252.7200, -8.7360,
1.9996

■ 48.8510, -24.0835,
24.6867

■ 29.3370, -14.4631,
18.9985

■ 8.3720, -4.1274,

17.2138

■ 0.0000, 0.0000,
0.0000

■ 173.6110,
-36.7832, 38.0522

■ 173.6110,
-36.7832, 38.0522

■ 165.8200,
-43.7883, 44.8849

■ 181.4020,
-29.7782, 31.2194

■ 157.5560,
-50.0671, 52.1324

■ 189.6660,
-23.4993, 23.9719

■ 149.7650,
-57.0721, 58.9651

■ 197.4570,
-16.4943, 17.1392

■ 141.3870,
-63.7878, 66.3126

■ 205.8350, -9.7787,
9.7917

■ 137.0840,
-67.5824, 70.0863

■ 213.6260, -2.7736,
2.9590

■ 221.3030, 3.7946,
-3.7737

■ 229.6810, 10.5103,
-11.1212

■ 235.4200, 9.6529,
-16.1543

■ 240.7030, 7.0484,
-20.7875

Harmonies

Analogous

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



175.3760, -26.8074, 58.4292



173.6110, -36.7832, 38.0522



170.3640, -35.6755, 9.3278

Triad

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



173.6110, -36.7832, 38.0522



137.1680, 28.0182, -120.2963



180.0760, 25.1055, 20.9813

Complementary

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



173.6110, -36.7832, 38.0522



142.3890, 36.7832, -38.0522

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.



174.1290, 37.8974, -22.0381



173.6110, -36.7832, 38.0522



139.5110, 44.6111, -122.3511

Square

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



173.6110, -36.7832, 38.0522



156.2510, -1.1097, -64.2411



158.6230, 45.0489, -75.9684



179.5070, 8.1310, 52.1754

Rectangle

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



173.6110, -36.7832, 38.0522



167.0560, -28.6216, -13.2041



158.6230, 45.0489, -75.9684



178.6660, 30.2377, 8.1859

Sweetspot

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



173.6110, -36.7832, 38.0522



239.7600, -12.6997, 13.3655



140.0960, 4.8827, 67.4448



118.6930, -7.7366, 8.1622



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.



173.6110, -36.7832, 38.0522



193.8120, -51.6723, 53.6619



201.1560, -50.3629, 6.8792



105.8110, -3.3578, 3.6738



109.2530, -53.8617, 55.9061



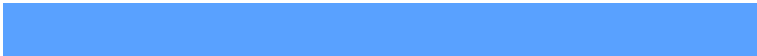
29.0160, -14.3049, 14.8950

Inverse Universe

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



142.3890, 36.7832, -38.0522



150.1880, 51.6723, -53.6619



114.8440, 50.3629, -6.8792



102.6020, 3.6472, -3.1590



63.7470, 53.8617, -55.9061



16.9840, 14.3049, -14.8950

Previews

White Background



This preview shows how the YUV color 173.6110, -36.7832, 38.0522 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 173.6110, -36.7832, 38.0522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

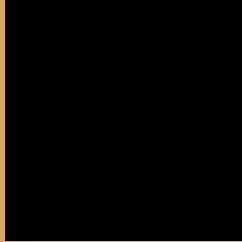
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 173.6110, -36.7832, 38.0522

Background



This preview shows how black text looks on a background with the YUV color 173.6110, -36.7832, 38.0522.



This preview shows how white text looks on a background with the YUV color 173.6110, -36.7832, 38.0522.

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

173.6110, -36.7832, 38.0522

Protanopia

171.7610, -34.3922, 17.7496

Deuteranopia

173.3010, -36.6304, 35.6930



Tritanopia

178.8030, -4.3399, 38.7608

Trichromacy



Original Color

173.6110, -36.7832, 38.0522

Protanomaly

172.5770, -35.2875, 24.9270

Deuteranomaly

173.6000, -36.7778, 36.3078

Tritanomaly

177.0020, -16.2700, 38.5862

Monochromacy



Original Color

173.6110, -36.7832, 38.0522

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

173.9450, -13.2839, 14.0802

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.6110, -36.7832, 38.0522 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, 166, 99)` looks like.

```
.text, #text, p{  
    color:rgb(217, 166, 99)  
}
```

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, 166, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 166, 99) }
```

Border

The CSS property to change the border of an element to YUV 173.6110, -36.7832, 38.0522 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, 166, 99) }
```


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

```
.border{ border-color:rgb(217, 166, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 166, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 166, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 166, 99);  
box-shadow:4px 4px 4px 4px rgb(217, 166,  
99) }
```

Background

The CSS property to change the background color of an element to YUV 173.6110, -36.7832, 38.0522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 166, 99) }
```

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

```
.background{ background-color: rgb(217,  
166, 99) }
```

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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