

Converting Colors

YUV(173.8110, -33.4308,
36.1228)

Have a look what the booklet for
YUV(173.8110, -33.4308, 36.1228)
contains.

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Color

**YUV(173.8110, -33.4308,
36.1228)**

Conversions

Conversions Part 1

Format	Color
Hex	D7A66A
RGB	215, 166, 106
RGB Percent	84%, 65%, 42%
CMY	0.1569, 0.3490, 0.5843
CMYK	0.00, 0.23, 0.51, 0.16
HSL	33°, 58%, 63%
HSV	33°, 51%, 84%
XYZ	44.2621, 42.7601, 19.5563
YIQ	173.8110, 48.4640, -8.2720

Conversions

Conversions Part 2

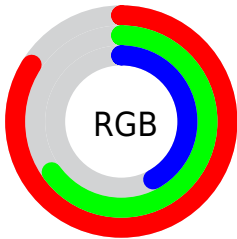
Format	Color
R _{YB}	195, 215, 106
Decimal	14132842
CIE Lab	71.39, 10.87, 37.83
CIE LCh	71, 39.363, 73.974
Yxy	42.7601, 0.4153, 0.4012
Android (android.graphics.Color)	4292322922 (0xFFD7A66A)
YUV	173.8110, -33.4308, 36.1228
Hunter-Lab	65.3912, 6.3886, 28.0422

Details

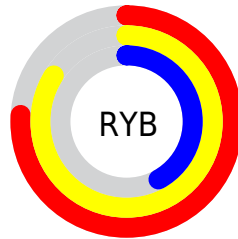
The YUV color $173.8110, -33.4308, 36.1228$ is a light color, and the websafe version is hex $CC9966$. A complement of this color would be $147.1890, 33.4308, -36.1228$, and the grayscale version is $174.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $223.9840, -32.5301, 27.2010$, and $120.6580, -31.3834, 32.7489$ is the 20% darker color. If you saturate the color by 10%, you get $165.5470, -39.7097, 43.3703$, and if you desaturate by 10%, it is $182.1890, -26.7152, 28.7752$.

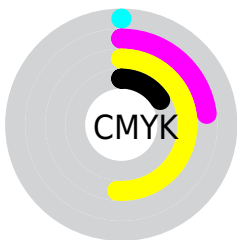
Distribution



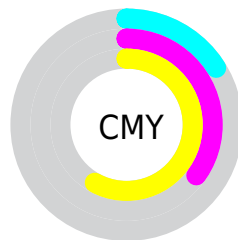
- Red (84%)
- Green (65%)
- Blue (42%)



- Red (76%)
- Yellow (84%)
- Blue (42%)



- Cyan (0%)
- Magenta (23%)
- Yellow (51%)
- Black (16%)



- Cyan (16%)
- Magenta (35%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.8110, -33.4308, 36.1228 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 173.8110, -33.4308, 36.1228 by changing the saturation by 10% instead.

■ 173.8110,
-33.4308, 36.1228

■ 173.8110,
-33.4308, 36.1228

255.0000, 0.0000,
0.0000

■ 147.0280,
-32.5518, 34.1784

■ 223.9840,
-32.5301, 27.2010

■ 120.6580,
-31.3834, 32.7489

■ 244.1990,
-28.6921, 9.4725

■ 95.4620, -30.7938,
30.2898

■ 250.2120,
-18.3455, 4.1991

■ 70.4510, -30.7883,
28.5455

■ 253.5180, -5.6784,
1.2997

■ 48.8510, -24.0835,
24.6867

■ 29.3370, -14.4631,
18.9985

■ 8.0730, -3.9800,

16.5990

■ 0.0000, 0.0000,
0.0000

■ 173.8110,
-33.4308, 36.1228

■ 173.8110,
-33.4308, 36.1228

■ 165.5470,
-39.7097, 43.3703

■ 182.1890,
-26.7152, 28.7752

■ 157.7560,
-46.7147, 50.2030

■ 189.8660,
-20.1469, 22.0425

■ 149.4920,
-52.9936, 57.4505

■ 198.2440,
-13.4313, 14.6950

■ 141.1140,
-59.7092, 64.7980

■ 206.5080, -7.1524,
7.4475

■ 133.5510,
-65.8406, 71.4308

■ 214.2990, -0.1474,
0.6148

■ 222.5630, 6.1314,
-6.6328

■ 230.7130, 11.9735,
-13.7803

■ 235.9960, 9.3690,
-18.4135

■ 241.8660, 6.4751,
-23.5615

Harmonies

Analogous

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



176.0380, -24.1757, 54.3407



173.8110, -33.4308, 36.1228



170.7600, -32.9127, 9.8575

Triad

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



173.8110, -33.4308, 36.1228



147.0140, 21.6851, -95.6053



179.0110, 23.6586, 18.4074

Complementary

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



173.8110, -33.4308, 36.1228



147.1890, 33.4308, -36.1228

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.



174.2170, 34.4030, -21.2383



173.8110, -33.4308, 36.1228



139.1480, 41.8320, -117.6478

Square

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



173.8110, -33.4308, 36.1228



159.5510, -2.7366, -55.7342



161.7230, 40.0696, -65.5321



179.4740, 8.1473, 46.9423

Rectangle

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



173.8110, -33.4308, 36.1228



168.2350, -26.7379, -10.7301



161.7230, 40.0696, -65.5321



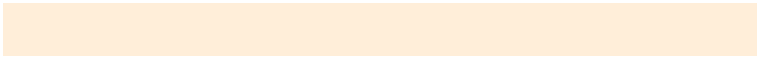
178.2590, 27.4803, 5.9119

Sweetspot

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



173.8110, -33.4308, 36.1228



240.6890, -11.6787, 12.5507



144.1770, 5.3357, 62.1118



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.



173.8110, -33.4308, 36.1228



196.1260, -47.8831, 51.6325



201.0790, -46.8739, 7.8237



102.8110, -3.3578, 3.6738



106.3070, -52.4094, 56.7358



26.9450, -13.2839, 14.0802

Inverse Universe

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



147.1890, 33.4308, -36.1228



157.8740, 47.8831, -51.6325



119.9210, 46.8739, -7.8237



100.1890, 3.3578, -3.6738



64.6930, 52.4094, -56.7358



16.0550, 13.2839, -14.0802

Previews

White Background



This preview shows how the YUV color 173.8110, -33.4308, 36.1228 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 173.8110, -33.4308, 36.1228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

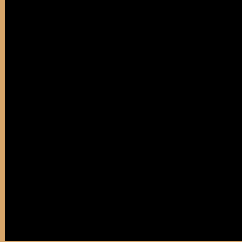
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 173.8110, -33.4308, 36.1228

Background



This preview shows how black text looks on a background with the YUV color 173.8110, -33.4308, 36.1228.



This preview shows how white text looks on a background with the YUV color 173.8110, -33.4308, 36.1228.

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

173.8110, -33.4308, 36.1228

Protanopia

172.2600, -31.1872, 16.4350

Deuteranopia

173.5010, -33.2780, 33.7636



Tritanopia

178.2050, -4.0451, 37.5312

Trichromacy



Original Color

173.8110, -33.4308, 36.1228

Protanomaly

173.0760, -32.0825, 23.6123

Deuteranomaly

173.8000, -33.4254, 34.3784

Tritanomaly

176.7460, -14.6648, 37.0568

Monochromacy



Original Color

173.8110, -33.4308, 36.1228

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

173.8740, -12.2629, 13.2655

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.8110, -33.4308, 36.1228 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(215, 166, 106)` looks like.

```
.text, #text, p{  
    color:rgb(215, 166, 106)  
}
```

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(215, 166, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 166, 106) }
```

Border

The CSS property to change the border of an element to YUV 173.8110, -33.4308, 36.1228 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(215, 166, 106) }
```


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

```
.border{ border-color:rgb(215, 166, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 166, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 166, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 166, 106);  
box-shadow:4px 4px 4px 4px rgb(215, 166,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 173.8110, -33.4308, 36.1228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 166, 106) }
```

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

```
.background{ background-color: rgb(215,  
166, 106) }
```

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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