

Converting Colors

YUV(171.3250, -36.1492,
68.1210)

Have a look what the booklet for
YUV(171.3250, -36.1492, 68.1210)
contains.

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Color

**YUV(171.3250, -36.1492,
68.1210)**

Conversions

Conversions Part 1

Format	Color
Hex	F99262
RGB	249, 146, 98
RGB Percent	98%, 57%, 38%
CMY	0.0235, 0.4275, 0.6157
CMYK	0.00, 0.41, 0.61, 0.02
HSL	19°, 93%, 68%
HSV	19°, 61%, 98%
XYZ	51.5504, 41.5793, 16.8639
YIQ	171.3250, 76.7960, 6.9080

Conversions

Conversions Part 2

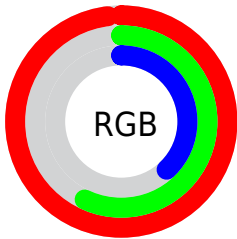
Format	Color
R_{YB}	249, 168, 98
Decimal	16355938
CIE _{Lab}	70.58, 34.57, 41.87
CIE _{LCh}	71, 54.295, 50.457
Yxy	41.5793, 0.4687, 0.3780
Android (android.graphics.Color)	4294546018 (0xFFFF99262)
YUV	171.3250, -36.1492, 68.1210
Hunter-Lab	64.4820, 29.8589, 29.6314

Details

The YUV color **171.3250, -36.1492, 68.1210** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **175.6750, 36.1492, -68.1210**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.3320, -30.2367, 38.2968**, and **116.9760, -33.5122, 62.2880** is the 20% darker color. If you saturate the color by 10%, you get **158.4960, -42.1495, 79.3720**, and if you desaturate by 10%, it is **184.1540, -30.1489, 56.8699**.

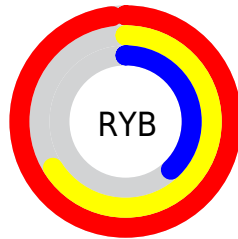
Distribution



Red (98%)

Green (57%)

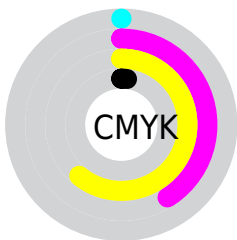
Blue (38%)



Red (98%)

Yellow (66%)

Blue (38%)

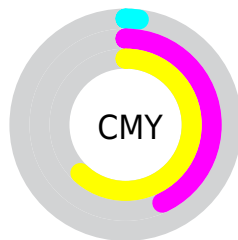


Cyan (0%)

Magenta (41%)

Yellow (61%)

Black (2%)



Cyan (2%)


Magenta (43%)


Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.3250, -36.1492, 68.1210 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 171.3250, -36.1492, 68.1210 by changing the saturation by 10% instead.


 171.3250,
-36.1492, 68.1210


 171.3250,
-36.1492, 68.1210


255.0000, 0.0000,
0.0000

 143.9440,
-34.9754, 64.9471


 211.3320,
-30.2367, 38.2968

 116.9760,
-33.5122, 62.2880


 230.8460,
-26.5461, 21.1831


 90.7090, -31.9015,
59.0142

 249.1860,
-22.2767, 5.0989

 65.1000, -31.6013,
56.0403

 252.4920, -9.6096,
2.1995

 41.0530, -20.2391,
51.6965

 21.2290, -10.4659,
43.6492

 14.1670, -6.4913,

28.7945

■ 0.0000, 0.0000,
0.0000

■ 171.3250,
-36.1492, 68.1210

■ 171.3250,
-36.1492, 68.1210

■ 158.4960,
-42.1495, 79.3720

■ 184.1540,
-30.1489, 56.8699

■ 145.6670,
-48.1498, 90.6230

■ 196.9830,
-24.1486, 45.6189

■ 132.8380,
-54.1501, 101.8741

■ 209.8120,
-18.1483, 34.3679

■ 120.8240,
-59.5662, 112.4104

■ 222.6410,
-12.1480, 23.1168

■ 235.4700, -6.1477,
11.8658

■ 248.1850, -0.5842,
0.7148

■ 253.2060, 0.8844,
-3.6887

Harmonies

Analogous

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



169.8030, -14.1999, 74.7178



171.3250, -36.1492, 68.1210



168.7610, -47.7032, 40.5516

Triad

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



171.3250, -36.1492, 68.1210



132.7220, 10.9831, -116.3972



171.3620, 41.2335, -18.7345

Complementary

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



171.3250, -36.1492, 68.1210



175.6750, 36.1492, -68.1210

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.



136.4910, 58.4249, -119.7026



171.3250, -36.1492, 68.1210



139.1230, 32.9704, -122.0109

Square

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



171.3250, -36.1492, 68.1210



157.2050, -24.7511, -41.3988



141.5630, 52.4734, -124.1508



177.7880, 28.6985, 35.2659

Rectangle

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



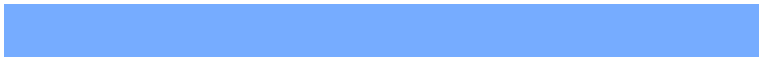
171.3250, -36.1492, 68.1210



166.7210, -47.1905, 16.0307



141.5630, 52.4734, -124.1508



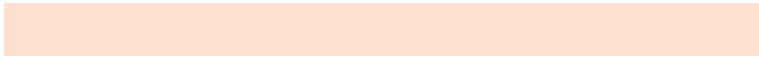
165.3160, 44.2142, -41.4961

Sweetspot

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



171.3250, -36.1492, 68.1210



231.5590, -11.1216, 20.5578



154.8910, 22.7317, 82.5336



112.9540, -6.8793, 13.1953



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.



171.3250, -36.1492, 68.1210



159.2470, -44.4918, 83.9754



215.3500, -57.8535, 29.5111



118.2350, -3.0739, 5.9329



91.7310, -45.2234, 85.3049



29.3920, -14.4903, 27.7202

Inverse Universe

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



175.6750, 36.1492, -68.1210



164.7530, 44.4918, -83.9754



131.6500, 57.8536, -29.5110



118.7650, 3.0739, -5.9329



97.2690, 45.2234, -85.3049



31.6080, 14.4903, -27.7202

Previews

White Background



This preview shows how the YUV color 171.3250, -36.1492, 68.1210 looks on a white background.

Color Contrast Check

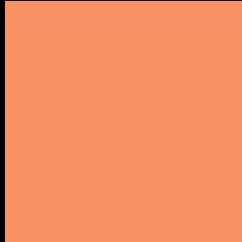
Large Text (above 18pt) WCAG AA × Fail

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 171.3250, -36.1492, 68.1210 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 171.3250, -36.1492, 68.1210

Background



This preview shows how black text looks on a background with the YUV color 171.3250, -36.1492, 68.1210.



This preview shows how white text looks on a background with the YUV color 171.3250, -36.1492,

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

171.3250, -36.1492, 68.1210

Protanopia

170.3740, -30.7504, 16.3350

Deuteranopia

170.9590, -37.9408, 35.9930



Tritanopia

174.0410, -11.8522, 68.3700

Trichromacy



Original Color

171.3250, -36.1492, 68.1210

Protanomaly

170.6260, -32.8466, 35.4080

Deuteranomaly

170.8510, -37.3945, 47.4887

Tritanomaly

173.3370, -20.8721, 68.1105

Monochromacy



Original Color

171.3250, -36.1492, 68.1210

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

171.0110, -13.3164, 24.5464

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.3250, -36.1492, 68.1210 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(249, 146, 98)` looks like.

```
.text, #text, p{  
    color:rgb(249, 146, 98)  
}
```

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(249, 146, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 146, 98) }
```

Border

The CSS property to change the border of an element to YUV 171.3250, -36.1492, 68.1210 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(249, 146, 98) }
```


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

```
.border{ border-color:rgb(249, 146, 98) }
```

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

Here you see how a box with a 4 pixel rgb(249, 146, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 146, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 146, 98);  
box-shadow:4px 4px 4px 4px rgb(249, 146,  
98) }
```

Background

The CSS property to change the background color of an element to YUV 171.3250, -36.1492, 68.1210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 146, 98) }
```

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

```
.background{ background-color: rgb(249,  
146, 98) }
```

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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