

Converting Colors

YUV(162.5100, -36.7334,
68.8357)

Have a look what the booklet for
YUV(162.5100, -36.7334, 68.8357)
contains.

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Color

**YUV(162.5100, -36.7334,
68.8357)**

Conversions

Conversions Part 1

Format	Color
Hex	F18958
RGB	241, 137, 88
RGB Percent	95%, 54%, 35%
CMY	0.0549, 0.4627, 0.6549
CMYK	0.00, 0.43, 0.63, 0.05
HSL	19°, 85%, 65%
HSV	19°, 63%, 95%
XYZ	46.9827, 37.2967, 13.9552
YIQ	162.5100, 77.7130, 6.8090

Conversions

Conversions Part 2

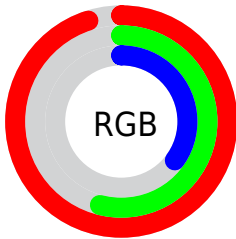
Format	Color
R_{YB}	241, 160, 88
Decimal	15829336
CIE _{Lab}	67.50, 35.43, 43.13
CIE _{LCh}	67, 55.813, 50.596
Yxy	37.2967, 0.4783, 0.3797
Android (android.graphics.Color)	4294019416 (0xFFFF18958)
YUV	162.5100, -36.7334, 68.8357
Hunter-Lab	61.0710, 30.4482, 29.2014

Details

The YUV color **162.5100, -36.7334, 68.8357** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **166.4900, 36.7334, -68.8357**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.2080, -32.1475, 44.5446**, and **108.2750, -33.6596, 62.9028** is the 20% darker color. If you saturate the color by 10%, you get **150.3820, -42.5863, 79.4720**, and if you desaturate by 10%, it is **174.6380, -30.8805, 58.1995**.

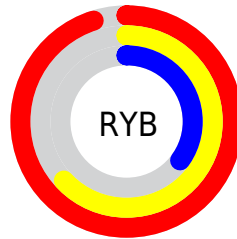
Distribution



Red (95%)

Green (54%)

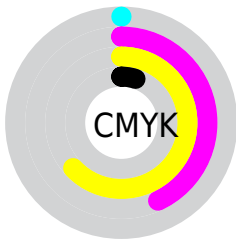
Blue (35%)



Red (95%)

Yellow (63%)

Blue (35%)

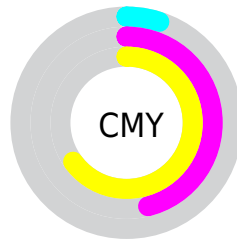


Cyan (0%)

Magenta (43%)

Yellow (63%)

Black (5%)



Cyan (5%)

Magenta (46%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 162.5100, -36.7334, 68.8357 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 162.5100, -36.7334, 68.8357 by changing the saturation by 10% instead.

162.5100,
-36.7334, 68.8357

162.5100,
-36.7334, 68.8357

255.0000, 0.0000,
0.0000

135.2430,
-35.1228, 65.5619

204.2080,
-32.1475, 44.5446

108.2750,
-33.6596, 62.9028

224.3090,
-28.7463, 26.9160

82.4810, -32.7751,
59.2142

243.8230,
-25.0557, 9.8022

57.3110, -28.2543,
55.8553

251.2380,
-14.4143, 3.2993

32.2040, -15.8766,
52.4411

254.4300, -2.1840,
0.4999

18.8370, -9.2866,
38.7310

11.4760, -5.1647,

23.2615

■ 0.0000, 0.0000,
0.0000

■ 162.5100,
-36.7334, 68.8357

■ 162.5100,
-36.7334, 68.8357

■ 150.3820,
-42.5863, 79.4720

■ 174.6380,
-30.8805, 58.1995

■ 137.6670,
-48.1498, 90.6230

■ 187.3530,
-25.3170, 47.0484

■ 125.5390,
-54.0027, 101.2593

■ 199.4810,
-19.4641, 36.4122

■ 117.2580,
-57.8082, 108.5217

■ 212.1960,
-13.9006, 25.2611

■ 224.3240, -8.0477,
14.6249

■ 236.5660, -1.7580,
3.8886

■ 249.0530, 2.9319,
-7.0625

■ 250.8140, 2.0637,
-8.6069

Harmonies

Analogous

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



162.9070, -15.2372, 80.7656



162.5100, -36.7334, 68.8357



160.1200, -48.8662, 40.2368

Triad

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



162.5100, -36.7334, 68.8357



127.0000, 9.3670, -111.3790



163.0890, 45.3121, -20.2491

Complementary

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



162.5100, -36.7334, 68.8357



166.4900, 36.7334, -68.8357

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.



131.7950, 60.7401, -115.5842



162.5100, -36.7334, 68.8357



133.5150, 31.7911, -117.0927

Square

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



162.5100, -36.7334, 68.8357



147.8950, -24.5982, -43.7579



136.0690, 51.7310, -119.3325



169.6140, 29.2773, 36.2955

Rectangle

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



162.5100, -36.7334, 68.8357



157.3790, -48.5008, 16.3306



136.0690, 51.7310, -119.3325



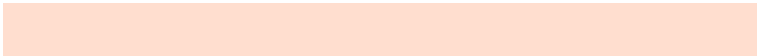
157.0320, 48.2982, -44.7551

Sweetspot

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



162.5100, -36.7334, 68.8357



230.1570, -11.4164, 21.7873



145.7170, 23.3105, 83.5632



112.8400, -7.3161, 13.2953



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.



162.5100, -36.7334, 68.8357



155.4000, -46.5392, 87.3492



207.1220, -58.7271, 29.7110



113.9360, -2.9264, 5.3181



89.6490, -44.1970, 82.7458



27.3100, -13.4638, 25.1611

Inverse Universe

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



166.4900, 36.7334, -68.8357



160.6000, 46.5392, -87.3492



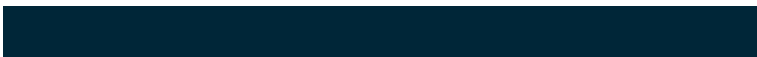
121.8780, 58.7271, -29.7110



114.0640, 2.9264, -5.3181



94.3510, 44.1970, -82.7458



28.6900, 13.4638, -25.1611

Previews

White Background



This preview shows how the YUV color 162.5100, -36.7334, 68.8357 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 162.5100, -36.7334, 68.8357 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 162.5100, -36.7334, 68.8357

Background



This preview shows how black text looks on a background with the YUV color 162.5100, -36.7334, 68.8357.



This preview shows how white text looks on a background with the YUV color 162.5100, -36.7334, 68.8357.

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

162.5100, -36.7334, 68.8357

Protanopia

161.8470, -31.4766, 15.9202

Deuteranopia

162.4320, -38.6670, 35.5781



Tritanopia

165.8130, -12.7258, 68.5700

Trichromacy



Original Color

162.5100, -36.7334, 68.8357

Protanomaly

162.0990, -33.5728, 34.9932

Deuteranomaly

162.6230, -38.2681, 47.6886

Tritanomaly

164.5220, -21.4563, 68.8252

Monochromacy



Original Color

162.5100, -36.7334, 68.8357

Achromatopsia

163.0000, 0.0000, 0.0000

Achromatomaly

163.0110, -13.3164, 24.5464

CSS Examples

Text

The CSS property to change the color of the text to YUV 162.5100, -36.7334, 68.8357 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(241, 137, 88)` looks like.

```
.text, #text, p{  
    color:rgb(241, 137, 88)  
}
```

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(241, 137, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 137, 88) }
```

Border

The CSS property to change the border of an element to YUV 162.5100, -36.7334, 68.8357 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(241, 137, 88) }
```


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

```
.border{ border-color:rgb(241, 137, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 137, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 137, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 137, 88);  
box-shadow:4px 4px 4px 4px rgb(241, 137,  
88) }
```

Background

The CSS property to change the background color of an element to YUV 162.5100, -36.7334, 68.8357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 137, 88) }
```

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

```
.background{ background-color: rgb(241,  
137, 88) }
```

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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