

Converting Colors

YUV(164.3510, -32.2180,
67.2212)

Have a look what the booklet for
YUV(164.3510, -32.2180, 67.2212)
contains.

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Color

**YUV(164.3510, -32.2180,
67.2212)**

Conversions

Conversions Part 1

Format	Color
Hex	F18A63
RGB	241, 138, 99
RGB Percent	95%, 54%, 39%
CMY	0.0549, 0.4588, 0.6118
CMYK	0.00, 0.43, 0.59, 0.05
HSL	16°, 84%, 67%
HSV	16°, 59%, 95%
XYZ	47.6162, 37.7786, 16.5867
YIQ	164.3510, 73.9070, 9.7070

Conversions

Conversions Part 2

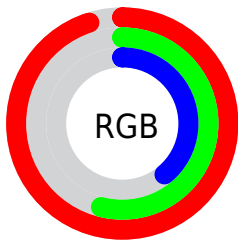
Format	Color
R_{YB}	241, 153, 99
Decimal	15829603
CIE _{Lab}	67.86, 35.66, 37.77
CIE _{LCh}	68, 51.939, 46.647
Yxy	37.7786, 0.4669, 0.3704
Android (android.graphics.Color)	4294019683 (0xFFFF18A63)
YUV	164.3510, -32.2180, 67.2212
Hunter-Lab	61.4643, 30.7210, 27.0250

Details

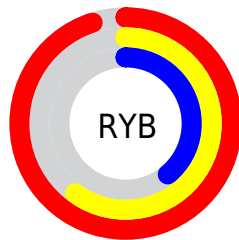
The YUV color **164.3510, -32.2180, 67.2212** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **175.6490, 32.2180, -67.2212**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.7500, -27.4847, 42.3152**, and **110.1160, -29.1442, 61.2883** is the 20% darker color. If you saturate the color by 10%, you get **151.6360, -37.7815, 78.3722**, and if you desaturate by 10%, it is **177.0660, -26.6545, 56.0701**.

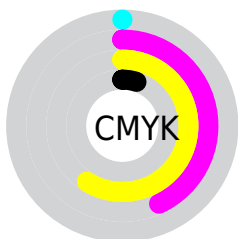
Distribution



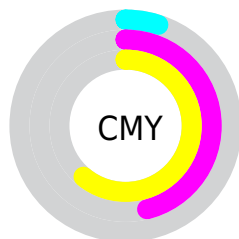
- Red (95%)
- Green (54%)
- Blue (39%)



- Red (95%)
- Yellow (60%)
- Blue (39%)



- Cyan (0%)
- Magenta (43%)
- Yellow (59%)
- Black (5%)



- Cyan (5%)
- Magenta (46%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.3510, -32.2180, 67.2212 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 164.3510, -32.2180, 67.2212 by changing the saturation by 10% instead.

164.3510,
-32.2180, 67.2212

164.3510,
-32.2180, 67.2212

255.0000, 0.0000,
0.0000

137.0840,
-30.6074, 63.9473

206.7500,
-27.4847, 42.3152

110.1160,
-29.1442, 61.2883

226.1500,
-24.2309, 25.3015

84.1480, -27.6810,
58.6292

246.3650,
-20.3929, 7.5729

58.3540, -26.7965,
54.9405

252.4920, -9.6096,
2.1995

32.5030, -16.0240,
53.0559

19.4350, -9.5815,
39.9605

12.0740, -5.4595,

24.4911

■ 0.0000, 0.0000,
0.0000

■ 164.3510,
-32.2180, 67.2212

■ 164.3510,
-32.2180, 67.2212

■ 151.6360,
-37.7815, 78.3722

■ 177.0660,
-26.6545, 56.0701

■ 138.3340,
-43.0557, 90.0381

■ 190.3680,
-21.3804, 44.4043

■ 125.6190,
-48.6192, 101.1891

■ 203.0830,
-15.8169, 33.2532

■ 112.3170,
-53.8933, 112.8550

■ 216.3850,
-10.5428, 21.5874

■ 110.8010,
-54.6249, 114.1845

■ 229.1000, -4.9793,
10.4363

■ 242.5160, 0.7316,
-1.3295

■ 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.



165.6830, -12.1687, 76.5770



164.3510, -32.2180, 67.2212



161.9830, -44.3616, 42.1109

Triad

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



164.3510, -32.2180, 67.2212



128.3380, 6.7354, -107.2904



163.3440, 45.1864, -26.6117

Complementary

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



164.3510, -32.2180, 67.2212



175.6490, 32.2180, -67.2212

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.



132.3820, 60.4507, -116.0990



164.3510, -32.2180, 67.2212



132.7170, 28.7335, -116.3928

Square

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



164.3510, -32.2180, 67.2212



152.0920, -26.6674, -33.4067



135.6300, 47.5104, -118.9475



170.5590, 29.3044, 27.5738

Rectangle

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



164.3510, -32.2180, 67.2212



159.9110, -45.3121, 20.2491



135.6300, 47.5104, -118.9475



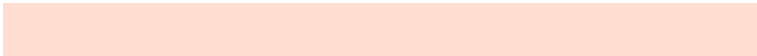
157.2980, 48.1671, -49.3733

Sweetspot

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



164.3510, -32.2180, 67.2212



230.3850, -10.5428, 21.5874



153.3140, 24.4952, 76.9006



112.3670, -6.5899, 13.7101



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.



164.3510, -32.2180, 67.2212



157.4690, -41.1502, 85.5347



205.4410, -52.4754, 31.1852



113.3490, -2.6371, 5.8329



84.3660, -41.5924, 87.3790



25.5490, -12.5957, 26.7055

Inverse Universe

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



175.6490, 32.2180, -67.2212



171.5310, 41.1502, -85.5347



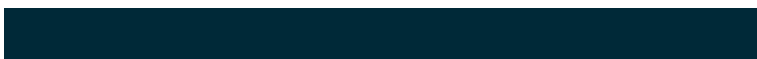
134.5590, 52.4754, -31.1852



114.6510, 2.6371, -5.8329



99.0470, 41.8818, -86.8642



30.4510, 12.5957, -26.7055

Previews

White Background



This preview shows how the YUV color 164.3510, -32.2180, 67.2212 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 164.3510, -32.2180, 67.2212 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 164.3510, -32.2180, 67.2212

Background



This preview shows how black text looks on a background with the YUV color 164.3510, -32.2180, 67.2212.



This preview shows how white text looks on a background with the YUV color 164.3510, -32.2180, 67.2212.

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

164.3510, -32.2180, 67.2212

Protanopia

163.8020, -26.5244, 14.2056

Deuteranopia

163.9740, -34.0042, 33.3488



Tritanopia

166.6280, -12.1416, 67.8552

Trichromacy



Original Color

164.3510, -32.2180, 67.2212

Protanomaly

164.0540, -28.6206, 33.2786

Deuteranomaly

164.1650, -33.6053, 45.4593

Tritanomaly

165.6790, -19.5617, 67.8105

Monochromacy



Original Color

164.3510, -32.2180, 67.2212

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

164.3530, -12.0060, 24.2464

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.3510, -32.2180, 67.2212 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, 138, 99)` looks like.

```
.text, #text, p{  
    color:rgb(241, 138, 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(241, 138, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 138, 99) }
```

Border

The CSS property to change the border of an element to YUV 164.3510, -32.2180, 67.2212 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, 138, 99) }
```


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

```
.border{ border-color:rgb(241, 138, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 138, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 138, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 138, 99);  
box-shadow:4px 4px 4px 4px rgb(241, 138,  
99) }
```

Background

The CSS property to change the background color of an element to YUV 164.3510, -32.2180, 67.2212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 138, 99) }
```

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

```
.background{ background-color: rgb(241,  
138, 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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