

Converting Colors

YUV(158.9340, -16.7295,
-0.8191)

Have a look what the booklet for
YUV(158.9340, -16.7295, -0.8191)
contains.

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Color

**YUV(158.9340, -16.7295,
-0.8191)**

Conversions

Conversions Part 1

Format	Color
Hex	9EA67D
RGB	158, 166, 125
RGB Percent	62%, 65%, 49%
CMY	0.3804, 0.3490, 0.5098
CMYK	0.05, 0.00, 0.25, 0.35
HSL	72°, 19%, 57%
HSV	72°, 25%, 65%
XYZ	31.4384, 36.0222, 24.6980
YIQ	158.9340, 8.3930, -14.4470

Conversions

Conversions Part 2

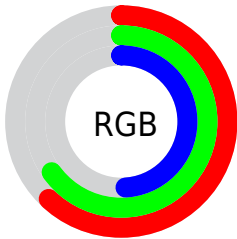
Format	Color
RYB	125, 166, 133
Decimal	10397309
CIELab	66.54, -9.97, 20.33
CIELCh	67, 22.646, 116.130
Yxy	36.0222, 0.3411, 0.3909
Android (android.graphics.Color)	4288587389 (0xFF9EA67D)
YUV	158.9340, -16.7295, -0.8191
Hunter-Lab	60.0185, -11.5319, 17.6147

Details

The YUV color **158.9340, -16.7295, -0.8191** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **132.0660, 16.7295, 0.8191**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.7060, -17.6031, -0.6192**, and **107.2760, -15.4191, -1.1191** is the 20% darker color. If you saturate the color by 10%, you get **156.0990, -23.7128, -0.9638**, and if you desaturate by 10%, it is **161.7690, -9.7461, -0.6744**.

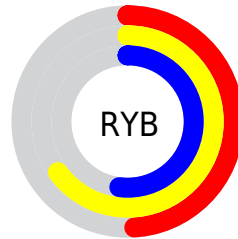
Distribution



Red (62%)

Green (65%)

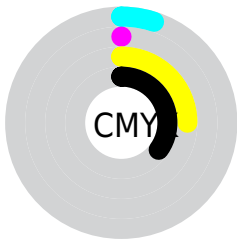
Blue (49%)



Red (49%)

Yellow (65%)

Blue (52%)

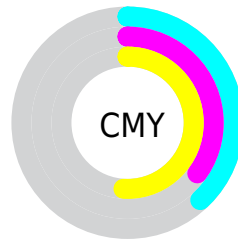


Cyan (5%)

Magenta (0%)

Yellow (25%)

Black (35%)



Cyan (38%)

Magenta (35%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.9340, -16.7295, -0.8191 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 158.9340, -16.7295, -0.8191 by changing the saturation by 10% instead.

■ 158.9340,
-16.7295, -0.8191

■ 158.9340,
-16.7295, -0.8191

■ 255.0000, 0.0000,
0.0000

■ 133.0480,
-16.2927, -0.9191

■ 213.7060,
-17.6031, -0.6192

■ 107.2760,
-15.4191, -1.1191

■ 242.1790,
-18.3292, -1.0340

■ 83.3900, -14.9823,
-1.2190

■ 252.6060, -9.1728,
2.0995

■ 59.6180, -14.1087,
-1.4190

■ 37.5040, -14.5455,
-1.3190

■ 17.3770, -8.5669,
-5.5926

■ 0.0000, 0.0000,

0.0000

■ 158.9340,
-16.7295, -0.8191

■ 158.9340,
-16.7295, -0.8191

■ 156.0990,
-23.7128, -0.9638

■ 161.7690, -9.7461,
-0.6744

■ 153.3780,
-30.2594, -1.2085

■ 164.4900, -3.1996,
-0.4297

■ 150.2440,
-37.0953, -1.9680

■ 167.6240, 3.6364,
0.3298

■ 147.5230,
-43.6418, -2.2127

■ 170.3450, 10.1829,
0.5744

■ 144.6880,
-50.6252, -2.3574

■ 173.1800, 17.1663,
0.7191

■ 141.8530,
-57.6085, -2.5021

■ 176.0150, 24.1496,
0.8638

■ 138.8330,
-64.0077, -3.3615

■ 179.0350, 30.5487,
1.7233

■ 137.5080,
-67.7914, -3.0765

■ 181.5280, 36.2217,
2.1679

■ 182.4250, 35.7795,
4.0123

Harmonies

Analogous

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



161.5340, -19.9833, 16.1947



158.9340, -16.7295, -0.8191



156.5880, -8.6709, -18.9327

Triad

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



158.9340, -16.7295, -0.8191



155.2090, 19.6170, -38.7713



164.8990, 0.0498, 30.7836

Complementary

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



158.9340, -16.7295, -0.8191



132.0660, 16.7295, 0.8191

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.



165.3410, 9.6919, 18.1179



158.9340, -16.7295, -0.8191



159.3620, 21.0205, -22.2425

Square

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



158.9340, -16.7295, -0.8191



152.7540, 12.9393, -43.6343



163.7560, 16.8823, -1.5400



164.1030, -9.4178, 34.1127

Rectangle

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



158.9340, -16.7295, -0.8191



154.6450, -1.7970, -30.3837



163.7560, 16.8823, -1.5400



165.3870, 3.2602, 27.7246

Sweetspot

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



158.9340, -16.7295, -0.8191



214.3930, -6.1097, -0.3447



141.9550, -8.3588, 21.0875



108.3760, -3.6364, -0.3298



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



158.9340, -16.7295, -0.8191



205.7030, -26.4756, -1.4935



152.9540, -13.7813, -13.1147



82.7890, -3.3470, 0.1850



122.4570, -60.3713, -3.0318



16.5240, -8.1463, -0.4595

Inverse Universe

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



132.0660, 16.7295, 0.8191



162.9980, 26.6230, 0.8788



138.0460, 13.7813, 13.1147



77.2110, 3.3470, -0.1850



25.5430, 60.3713, 3.0318



3.4760, 8.1463, 0.4595

Previews

White Background



This preview shows how the YUV color 158.9340, -16.7295, -0.8191 looks on a white background.

Color Contrast Check

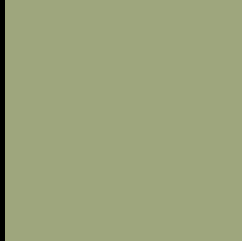
Large Text (above 18pt) WCAG AA × Fail

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 158.9340, -16.7295, -0.8191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

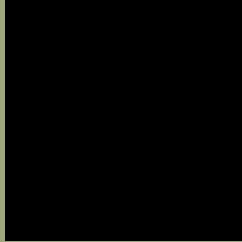
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

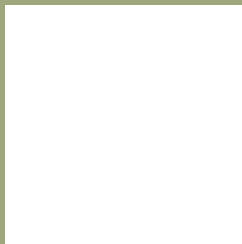
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 158.9340, -16.7295, -0.8191

Background



This preview shows how black text looks on a background with the YUV color 158.9340, -16.7295, -0.8191.



This preview shows how white text looks on a background with the YUV color 158.9340, -16.7295, -0.8191.

-0.8191.

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

158.9340, -16.7295, -0.8191

Protanopia

160.2560, -18.3672, 11.1765

Deuteranopia

161.9740, -17.2422, 23.7018



Tritanopia

162.5640, 4.6519, 1.2594

Trichromacy



Original Color

158.9340, -16.7295, -0.8191

Protanomaly

160.0490, -17.7722, 6.9730

Deuteranomaly

160.9190, -17.2151, 14.9800

Tritanomaly

161.2020, -3.0576, 0.6998

Monochromacy



Original Color

158.9340, -16.7295, -0.8191

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

159.3930, -6.1097, -0.3447

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.9340, -16.7295, -0.8191 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(158, 166, 125)` looks like.

```
.text, #text, p{  
    color:rgb(158, 166, 125)  
}
```

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(158, 166, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 166, 125) }
```

Border

The CSS property to change the border of an element to YUV 158.9340, -16.7295, -0.8191 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(158, 166, 125) }
```


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

```
.border{ border-color:rgb(158, 166, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 166, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 166, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 166, 125);  
box-shadow:4px 4px 4px 4px rgb(158, 166,  
125) }
```

Background

The CSS property to change the background color of an element to YUV 158.9340, -16.7295, -0.8191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 166, 125) }
```

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

```
.background{ background-color: rgb(158,  
166, 125) }
```

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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