

Converting Colors

YUV(158.0500, -9.3916,
-21.0918)

Have a look what the booklet for
YUV(158.0500, -9.3916, -21.0918)
contains.

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Color

**YUV(158.0500, -9.3916,
-21.0918)**

Conversions

Conversions Part 1

Format	Color
Hex	86AE8B
RGB	134, 174, 139
RGB Percent	53%, 68%, 55%
CMY	0.4745, 0.3176, 0.4549
CMYK	0.23, 0.00, 0.20, 0.32
HSL	127°, 20%, 60%
HSV	127°, 23%, 68%
XYZ	29.6278, 37.2045, 30.0457
YIQ	158.0500, -12.6050, -19.3650

Conversions

Conversions Part 2

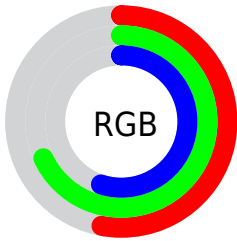
Format	Color
RYB	134, 170, 174
Decimal	8826507
CIELab	67.43, -20.59, 13.64
CIElCh	67, 24.700, 146.488
Yxy	37.2045, 0.3058, 0.3840
Android (android.graphics.Color)	4287016587 (0xFF86AE8B)
YUV	158.0500, -9.3916, -21.0918
Hunter-Lab	60.9955, -20.0381, 13.4912

Details

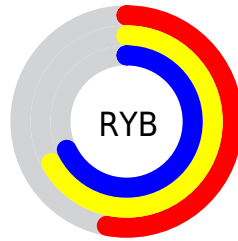
The YUV color **158.0500, -9.3916, -21.0918** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **149.9500, 9.3917, 21.0919**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.2240, -9.9704, -22.1214**, and **105.9900, -8.3761, -20.1622** is the 20% darker color. If you saturate the color by 10%, you get **151.2570, -13.4377, -30.0434**, and if you desaturate by 10%, it is **164.8430, -5.3456, -12.1403**.

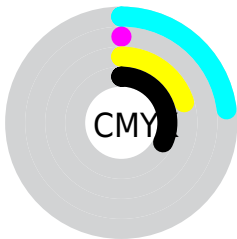
Distribution



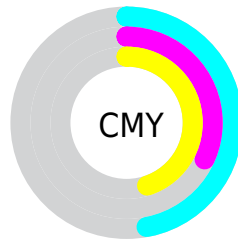
- Red (53%)
- Green (68%)
- Blue (55%)



- Red (53%)
- Yellow (67%)
- Blue (68%)



- Cyan (23%)
- Magenta (0%)
- Yellow (20%)
- Black (32%)



- Cyan (47%)
- Magenta (32%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.0500, -9.3916, -21.0918 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 158.0500, -9.3916, -21.0918 by changing the saturation by 10% instead.

■ 158.0500, -9.3916,
-21.0918

■ 158.0500, -9.3916,
-21.0918

255.0000, 0.0000,
0.0000

■ 131.4630, -9.1023,
-20.5771

■ 213.2240, -9.9704,
-22.1214

■ 105.9900, -8.3761,
-20.1622

■ 239.3490, -9.5391,
-20.4771

■ 81.4030, -8.0867,
-19.6474

■ 251.0270, -0.9993,
-6.1627

■ 57.9300, -7.3605,
-19.2326

■ 35.4460, -6.6289,
-20.5621

■ 17.6100, -8.6817,
-15.4440

■ 0.0000, 0.0000,

0.0000

■ 158.0500, -9.3916,
-21.0918

■ 158.0500, -9.3916,
-21.0918

■ 151.2570,
-13.4377, -30.0434

■ 164.8430, -5.3456,
-12.1403

■ 144.1650,
-17.3363, -39.6097

■ 171.9350, -1.4470,
-2.5740

■ 137.2580,
-21.8192, -48.4613

■ 178.8420, 3.0359,
6.2776

■ 130.1660,
-25.7178, -58.0276

■ 185.9340, 6.9345,
15.8439

■ 123.3730,
-29.7639, -66.9791

■ 192.7270, 10.9806,
24.7954

■ 116.5800,
-33.8099, -75.9307

■ 199.5200, 15.0266,
33.7470

■ 109.3740,
-38.1454, -85.3970

■ 206.4270, 19.5095,
42.5985

■ 104.6460,
-40.7445, -91.7745

■ 207.4530, 23.4407,
41.6987

Harmonies

Analogous

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



161.1790, -18.3292, -1.0340



158.0500, -9.3916, -21.0918



155.4420, 2.7401, -38.9756

Triad

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



158.0500, -9.3916, -21.0918



161.5080, 22.9206, -25.0015



166.4840, -10.5916, 37.2865

Complementary

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



158.0500, -9.3916, -21.0918



149.9500, 9.3917, 21.0919

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.



167.6220, 0.1864, 33.6575



158.0500, -9.3916, -21.0918



165.6250, 18.9189, -1.4251

Square

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



158.0500, -9.3916, -21.0918



156.4580, 21.9592, -43.3747



167.5800, 10.5601, 19.6623



165.0890, -18.2849, 31.4939

Rectangle

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



158.0500, -9.3916, -21.0918



154.1620, 10.7661, -46.6231



167.5800, 10.5601, 19.6623



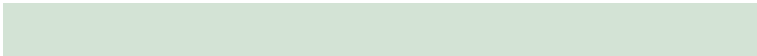
167.1080, -6.9552, 37.6163

Sweetspot

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



158.0500, -9.3916, -21.0918



220.6200, -3.7567, -8.4367



167.9450, -16.7349, 0.9252



111.3970, -2.1677, -4.7332



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



158.0500, -9.3916, -21.0918



201.4800, -15.0266, -33.7470



160.3300, -0.6557, -23.0914



83.3970, -2.1677, -4.7332



90.2160, -35.1095, -79.1194



13.8430, -5.3456, -12.1403

Inverse Universe

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



149.9500, 9.3917, 21.0919



188.5200, 15.0266, 33.7470



147.6700, 0.6557, 23.0914



81.6030, 2.1677, 4.7332



59.8980, 35.5463, 79.0195



9.1570, 5.3456, 12.1403

Previews

White Background



This preview shows how the YUV color 158.0500, -9.3916, -21.0918 looks on a white background.

Color Contrast Check

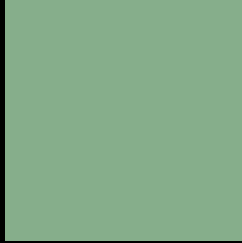
Large Text (above 18pt) WCAG AA × Fail

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 158.0500, -9.3916, -21.0918 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 158.0500, -9.3916, -21.0918

Background



This preview shows how black text looks on a background with the YUV color 158.0500, -9.3916, -21.0918.



This preview shows how white text looks on a background with the YUV color 158.0500, -9.3916, -21.0918.

-21.0918.

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

158.0500, -9.3916, -21.0918

Protanopia

162.6840, -14.1412, 9.0471

Deuteranopia

164.8470, -11.2636, 19.4282



Tritanopia

161.8220, 9.9478, -17.3839

Trichromacy



Original Color

158.0500, -9.3916, -21.0918

Protanomaly

161.0740, -12.3615, -1.8189

Deuteranomaly

162.5740, -10.6360, 4.7586

Tritanomaly

160.2750, 2.8224, -18.6582

Monochromacy



Original Color

158.0500, -9.3916, -21.0918

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

158.0330, -3.4673, -7.9219

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.0500, -9.3916, -21.0918 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(134, 174, 139)` looks like.

```
.text, #text, p{  
    color:rgb(134, 174, 139)  
}
```

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(134, 174, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 174, 139) }
```

Border

The CSS property to change the border of an element to YUV 158.0500, -9.3916, -21.0918 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(134, 174, 139) }
```


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

```
.border{ border-color:rgb(134, 174, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 174, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 174, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 174, 139);  
box-shadow:4px 4px 4px 4px rgb(134, 174,  
139) }
```

Background

The CSS property to change the background color of an element to YUV 158.0500, -9.3916, -21.0918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 174, 139) }
```

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

```
.background{ background-color: rgb(134,  
174, 139) }
```

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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