

Converting Colors

YUV(168.9590, -34.4898,
49.1480)

Have a look what the booklet for
YUV(168.9590, -34.4898, 49.1480)
contains.

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Color

**YUV(168.9590, -34.4898,
49.1480)**

Conversions

Conversions Part 1

Format	Color
Hex	E19A63
RGB	225, 154, 99
RGB Percent	88%, 60%, 39%
CMY	0.1176, 0.3961, 0.6118
CMYK	0.00, 0.32, 0.56, 0.12
HSL	26°, 68%, 64%
HSV	26°, 56%, 88%
XYZ	44.8591, 40.0196, 17.1646
YIQ	168.9590, 59.9710, -2.0530

Conversions

Conversions Part 2

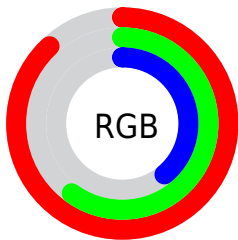
Format	Color
R _Y B	225, 197, 99
Decimal	14785123
CIE Lab	69.48, 20.83, 39.34
CIE LCh	69, 44.517, 62.105
Yxy	40.0196, 0.4396, 0.3922
Android (android.graphics.Color)	4292975203 (0xFFE19A63)
YUV	168.9590, -34.4898, 49.1480
Hunter-Lab	63.2611, 15.8694, 28.1956

Details

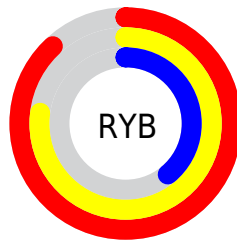
The YUV color **168.9590, -34.4898, 49.1480** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **155.0410, 34.4898, -49.1480**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.1420, -32.1150, 34.0785**, and **115.7950, -32.4369, 44.0298** is the 20% darker color. If you saturate the color by 10%, you get **158.8200, -40.3373, 58.0399**, and if you desaturate by 10%, it is **179.2120, -28.2055, 40.1561**.

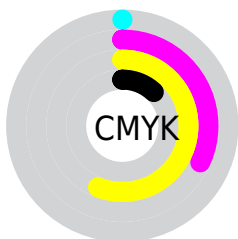
Distribution



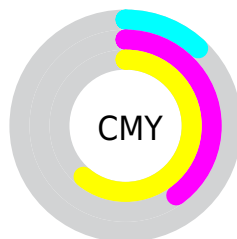
- Red (88%)
- Green (60%)
- Blue (39%)



- Red (88%)
- Yellow (77%)
- Blue (39%)



- Cyan (0%)
- Magenta (32%)
- Yellow (56%)
- Black (12%)



- Cyan (12%)
- Magenta (40%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.9590, -34.4898, 49.1480 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 168.9590, -34.4898, 49.1480 by changing the saturation by 10% instead.

168.9590,
-34.4898, 49.1480

168.9590,
-34.4898, 49.1480

255.0000, 0.0000,
0.0000

141.8770,
-33.4634, 46.5889

216.1420,
-32.1150, 34.0785

115.7950,
-32.4369, 44.0298

235.6560,
-28.4244, 16.9647

90.1260, -31.1211,
41.9855

249.4140,
-21.4031, 4.8989

65.4030, -31.2577,
39.1116

252.6060, -9.1728,
2.0995

43.8890, -21.6373,
33.4233

22.9020, -11.2907,
28.1499

9.6820, -4.2802,

19.5729

■ 0.0000, 0.0000,
0.0000

■ 168.9590,
-34.4898, 49.1480

■ 168.9590,
-34.4898, 49.1480

■ 158.8200,
-40.3373, 58.0399

■ 179.2120,
-28.2055, 40.1561

■ 149.1540,
-46.9109, 66.5169

■ 188.7640,
-22.0687, 31.7790

■ 139.0150,
-52.7584, 75.4088

■ 199.0170,
-15.7844, 22.7871

■ 128.7620,
-59.0427, 84.4007

■ 209.1560, -9.9369,
13.8952

■ 124.8010,
-61.5269, 87.8745

■ 218.8220, -3.3632,
5.4181

■ 228.9610, 2.4842,
-3.4738

■ 238.9860, 7.8949,
-12.2657

■ 246.0300, 4.4222,
-18.4433

Harmonies

Analogous

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



170.4290, -20.4245, 64.5218



168.9590, -34.4898, 49.1480



165.9420, -38.9184, 22.8529

Triad

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



168.9590, -34.4898, 49.1480



131.6110, 19.4188, -115.4228



172.8010, 32.1431, 3.6825

Complementary

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



168.9590, -34.4898, 49.1480



155.0410, 34.4898, -49.1480

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.



162.9410, 42.9201, -46.4293



168.9590, -34.4898, 49.1480



135.5840, 37.1801, -118.9072

Square

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



168.9590, -34.4898, 49.1480



154.1900, -11.9257, -48.4016



135.3680, 51.5836, -118.7177



174.6180, 16.4573, 41.5540

Rectangle

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



168.9590, -34.4898, 49.1480



163.8360, -34.9221, 1.0208



135.3680, 51.5836, -118.7177



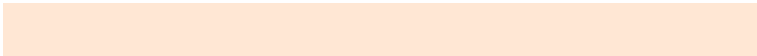
170.4400, 36.2651, -11.7869

Sweetspot

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



168.9590, -34.4898, 49.1480



236.0100, -11.8369, 16.6542



144.7680, 12.4394, 70.3635



116.2310, -7.0159, 10.3214



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.



168.9590, -34.4898, 49.1480



179.1540, -46.9109, 66.5169



205.9400, -52.7214, 16.7156



107.2240, -3.0684, 4.1886



97.8230, -48.2267, 68.5612



26.6790, -13.1527, 18.6985

Inverse Universe

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



155.0410, 34.4898, -49.1480



159.8460, 46.9109, -66.5169



118.0600, 52.7214, -16.7156



105.7760, 3.0684, -4.1886



78.1770, 48.2267, -68.5612



21.3210, 13.1527, -18.6985

Previews

White Background



This preview shows how the YUV color 168.9590, -34.4898, 49.1480 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 168.9590, -34.4898, 49.1480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

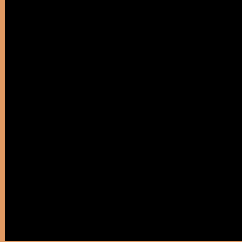
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 168.9590, -34.4898, 49.1480

Background



This preview shows how black text looks on a background with the YUV color 168.9590, -34.4898, 49.1480.



This preview shows how white text looks on a background with the YUV color 168.9590, -34.4898, 49.1480.

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

168.9590, -34.4898, 49.1480

Protanopia

167.3740, -30.7504, 16.3350

Deuteranopia

168.0450, -35.0252, 34.1635



Tritanopia

173.0710, -7.4300, 49.9267

Trichromacy



Original Color

168.9590, -34.4898, 49.1480

Protanomaly

167.8100, -31.9513, 28.2306

Deuteranomaly

168.4910, -34.7521, 39.9114

Tritanomaly

171.8400, -17.1761, 49.2523

Monochromacy



Original Color

168.9590, -34.4898, 49.1480

Achromatopsia

169.0000, 0.0000, 0.0000

Achromatomaly

169.1950, -12.4211, 17.3690

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.9590, -34.4898, 49.1480 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(225, 154, 99)` looks like.

```
.text, #text, p{  
    color:rgb(225, 154, 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(225, 154, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 154, 99) }
```

Border

The CSS property to change the border of an element to YUV 168.9590, -34.4898, 49.1480 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(225, 154, 99) }
```


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

```
.border{ border-color:rgb(225, 154, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 154, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 154, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 154, 99);  
box-shadow:4px 4px 4px 4px rgb(225, 154,  
99) }
```

Background

The CSS property to change the background color of an element to YUV 168.9590, -34.4898, 49.1480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 154, 99) }
```

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

```
.background{ background-color: rgb(225,  
154, 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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