

Converting Colors

YUV(167.6120, -34.8117,
59.0993)

Have a look what the booklet for
YUV(167.6120, -34.8117, 59.0993)
contains.

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Color

**YUV(167.6120, -34.8117,
59.0993)**

Conversions

Conversions Part 1

Format	Color
Hex	EB9361
RGB	235, 147, 97
RGB Percent	92%, 58%, 38%
CMY	0.0784, 0.4235, 0.6196
CMYK	0.00, 0.37, 0.59, 0.08
HSL	22°, 78%, 65%
HSV	22°, 59%, 92%
XYZ	46.8523, 39.3927, 16.4434
YIQ	167.6120, 68.4980, 3.1060

Conversions

Conversions Part 2

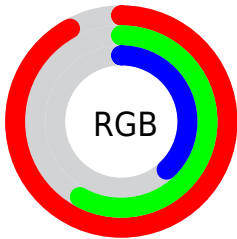
Format	Color
R _Y B	235, 175, 97
Decimal	15438689
CIE Lab	69.03, 28.44, 40.11
CIE LCh	69, 49.168, 54.655
Yxy	39.3927, 0.4563, 0.3836
Android (android.graphics.Color)	4293628769 (0xFFEB9361)
YUV	167.6120, -34.8117, 59.0993
Hunter-Lab	62.7636, 23.4121, 28.4011

Details

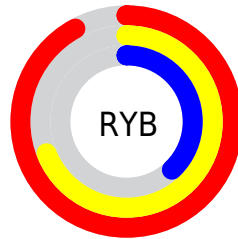
The YUV color **167.6120, -34.8117, 59.0993** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **164.3880, 34.8117, -59.0993**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.8050, -30.9629, 37.8820**, and **114.2630, -32.1747, 53.2663** is the 20% darker color. If you saturate the color by 10%, you get **156.1850, -40.5172, 69.1208**, and if you desaturate by 10%, it is **179.1530, -28.6694, 48.9778**.

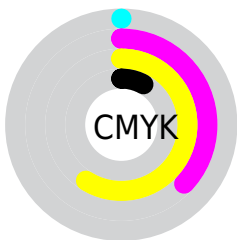
Distribution



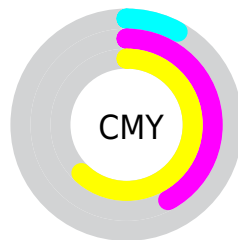
- Red (92%)
- Green (58%)
- Blue (38%)



- Red (92%)
- Yellow (69%)
- Blue (38%)



- Cyan (0%)
- Magenta (37%)
- Yellow (59%)
- Black (8%)



- Cyan (8%)
- Magenta (42%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 167.6120, -34.8117, 59.0993 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 167.6120, -34.8117, 59.0993 by changing the saturation by 10% instead.

167.6120,
-34.8117, 59.0993

167.6120,
-34.8117, 59.0993

255.0000, 0.0000,
0.0000

140.5300,
-33.7853, 56.5402

211.8050,
-30.9629, 37.8820

114.2630,
-32.1747, 53.2663

231.3190,
-27.2723, 20.7682

88.1810, -31.1482,
50.7073

249.0720,
-22.7135, 5.1989

62.5720, -30.8480,
47.7334

252.3780,
-10.0464, 2.2995

40.6990, -20.0646,
42.3600

18.8260, -9.2812,
36.9866

11.4760, -5.1647,

23.2615

■ 0.0000, 0.0000,
0.0000

■ 167.6120,
-34.8117, 59.0993

■ 167.6120,
-34.8117, 59.0993

■ 156.1850,
-40.5172, 69.1208

■ 179.1530,
-28.6694, 48.9778

■ 144.6440,
-46.6595, 79.2422

■ 190.5800,
-22.9639, 38.9563

■ 133.2170,
-52.3650, 89.2637

■ 202.1210,
-16.8217, 28.8349

■ 121.6760,
-58.5073, 99.3851

■ 213.5480,
-11.1162, 18.8134

■ 120.1600,
-59.2389, 100.7147

■ 225.0890, -4.9739,
8.6919

■ 236.5160, 0.7316,
-1.3295

■ 247.2590, 3.8163,
-10.7511

■ 249.0200, 2.9481,
-12.2955

Harmonies

Analogous

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



169.2820, -17.3940, 72.5437



167.6120, -34.8117, 59.0993



164.9710, -42.8767, 32.4744

Triad

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



167.6120, -34.8117, 59.0993



130.2430, 14.1772, -114.2231



169.8470, 39.0224, -9.5128

Complementary

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



167.6120, -34.8117, 59.0993



164.3880, 34.8117, -59.0993

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.



152.1160, 50.7218, -75.5237



167.6120, -34.8117, 59.0993



135.3730, 33.8331, -118.7221

Square

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



167.6120, -34.8117, 59.0993



153.3880, -18.9253, -43.3133



136.5420, 51.0048, -119.7473



173.7190, 23.3095, 37.0804

Rectangle

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



167.6120, -34.8117, 59.0993



162.5830, -41.2064, 10.0127



136.5420, 51.0048, -119.7473



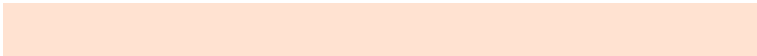
166.5780, 43.5920, -28.5709

Sweetspot

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



167.6120, -34.8117, 59.0993



232.7330, -11.7004, 19.5282



148.5220, 18.9697, 75.8412



114.1280, -7.4581, 12.1657



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.



167.6120, -34.8117, 59.0993



167.7900, -44.7595, 76.4832



206.9410, -54.2009, 24.6077



111.6370, -2.7790, 4.7034



92.8610, -45.7805, 77.2979



27.2990, -13.4584, 23.4168

Inverse Universe

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



164.3880, 34.8117, -59.0993



163.6230, 45.0489, -75.9684



125.0590, 54.2009, -24.6077



111.3630, 2.7790, -4.7034



88.1390, 45.7805, -77.2979



26.1140, 13.7478, -22.9020

Previews

White Background



This preview shows how the YUV color 167.6120, -34.8117, 59.0993 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 167.6120, -34.8117, 59.0993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

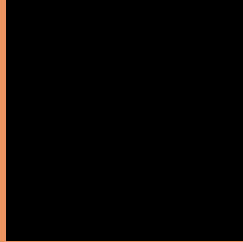
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 167.6120, -34.8117, 59.0993

Background



This preview shows how black text looks on a background with the YUV color 167.6120, -34.8117, 59.0993.



This preview shows how white text looks on a background with the YUV color 167.6120, -34.8117,

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

167.6120, -34.8117, 59.0993

Protanopia

166.1890, -30.1662, 15.6202

Deuteranopia

166.8170, -35.8988, 34.3635



Tritanopia

170.8550, -9.7885, 59.7632

Trichromacy



Original Color

167.6120, -34.8117, 59.0993

Protanomaly

166.8320, -31.9622, 31.7193

Deuteranomaly

167.2850, -35.6365, 43.6001

Tritanomaly

170.0370, -19.2452, 59.6036

Monochromacy



Original Color

167.6120, -34.8117, 59.0993

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

167.5160, -12.5794, 21.4725

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.6120, -34.8117, 59.0993 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(235, 147, 97)` looks like.

```
.text, #text, p{  
    color:rgb(235, 147, 97)  
}
```

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(235, 147, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 147, 97) }
```

Border

The CSS property to change the border of an element to YUV 167.6120, -34.8117, 59.0993 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(235, 147, 97) }
```


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

```
.border{ border-color:rgb(235, 147, 97) }
```

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

Here you see how a box with a 4 pixel rgb(235, 147, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 147, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 147, 97);  
box-shadow:4px 4px 4px 4px rgb(235, 147,  
97) }
```

Background

The CSS property to change the background color of an element to YUV 167.6120, -34.8117, 59.0993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 147, 97) }
```

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

```
.background{ background-color: rgb(235,  
147, 97) }
```

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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