

Converting Colors

YUV(186.2840, -13.9440,
39.2159)

Have a look what the booklet for
YUV(186.2840, -13.9440, 39.2159)
contains.

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Color

**YUV(186.2840, -13.9440,
39.2159)**

Conversions

Conversions Part 1

Format	Color
Hex	E7A99E
RGB	231, 169, 158
RGB Percent	91%, 66%, 62%
CMY	0.0941, 0.3373, 0.3804
CMYK	0.00, 0.27, 0.32, 0.09
HSL	9°, 60%, 76%
HSV	9°, 32%, 91%
XYZ	53.3145, 47.8335, 38.7706
YIQ	186.2840, 40.4830, 9.7230

Conversions

Conversions Part 2

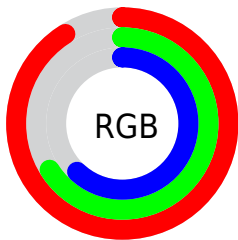
Format	Color
R _Y B	231, 171, 158
Decimal	15182238
CIE Lab	74.72, 21.32, 14.66
CIE LCh	75, 25.874, 34.504
Yxy	47.8335, 0.3810, 0.3419
Android (android.graphics.Color)	4293372318 (0xFFE7A99E)
YUV	186.2840, -13.9440, 39.2159
Hunter-Lab	69.1618, 16.5667, 15.1766

Details

The YUV color $186.2840, -13.9440, 39.2159$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $202.7160, 13.9440, -39.2159$, and the grayscale version is $186.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $232.0150, -9.3744, 20.1578$, and $132.9030, -12.7702, 36.0421$ is the 20% darker color. If you saturate the color by 10%, you get $171.9220, -18.2025, 51.8114$, and if you desaturate by 10%, it is $200.6460, -9.6855, 26.6205$.

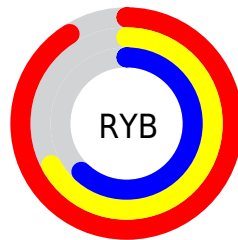
Distribution



Red (91%)

Green (66%)

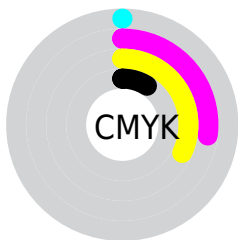
Blue (62%)



Red (91%)

Yellow (67%)

Blue (62%)

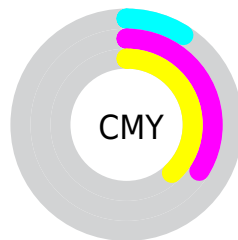


Cyan (0%)

Magenta (27%)

Yellow (32%)

Black (9%)



Cyan (9%)

Magenta (34%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.2840, -13.9440, 39.2159 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 186.2840, -13.9440, 39.2159 by changing the saturation by 10% instead.

186.2840,
-13.9440, 39.2159

186.2840,
-13.9440, 39.2159

255.0000, 0.0000,
0.0000

158.8000,
-13.2124, 37.8864

232.0150, -9.3744,
20.1578

132.9030,
-12.7702, 36.0421

252.2300, -5.5364,
2.4293

107.0060,
-12.3280, 34.1977

82.2230, -11.4489,
32.2534

58.5540, -10.1331,
30.2091

35.7710, -9.2541,
28.2648

13.1560, -6.4859,

27.0502

■ 0.0000, 0.0000,
0.0000

■ 186.2840,
-13.9440, 39.2159

■ 186.2840,
-13.9440, 39.2159

■ 171.9220,
-18.2025, 51.8114

■ 200.6460, -9.6855,
26.6205

■ 158.1470,
-22.7505, 63.8921

■ 214.4210, -5.1376,
14.5398

■ 143.7850,
-27.0090, 76.4876

■ 228.7830, -0.8790,
1.9443

■ 130.0100,
-31.5569, 88.5682

■ 242.5580, 3.6689,
-10.1364

■ 115.6480,
-35.8155, 101.1637

■ 247.8240, 3.5378,
-14.7546

■ 101.1720,
-40.5108, 113.8592

■ 89.6140, -44.1797,
123.9955

Harmonies

Analogous

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



187.7320, -3.3189, 37.9460



186.2840, -13.9440, 39.2159



184.3940, -20.9002, 30.3495

Triad

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



186.2840, -13.9440, 39.2159



176.4020, -6.6072, -27.5396



182.7690, 23.7779, -19.9684

Complementary

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



186.2840, -13.9440, 39.2159



202.7160, 13.9440, -39.2159

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.



177.3380, 23.9904, -41.5154



186.2840, -13.9440, 39.2159



173.4350, 6.6875, -45.1085

Square

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



186.2840, -13.9440, 39.2159



179.9610, -17.7288, -6.9818



173.3770, 18.0551, -51.1966



186.7290, 17.8816, 4.6227

Rectangle

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



186.2840, -13.9440, 39.2159



183.4590, -22.9043, 19.7685



173.3770, 18.0551, -51.1966



180.6540, 24.8206, -27.7606

Sweetspot

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



186.2840, -13.9440, 39.2159



241.2250, -4.5479, 12.0807



186.8950, 16.3208, 38.6801



119.2460, -3.0793, 7.6773



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.



186.2840, -13.9440, 39.2159



195.8080, -18.6393, 51.9114



207.4160, -24.3621, 20.6832



107.7620, -2.3477, 6.3477



69.3700, -34.1994, 96.1455



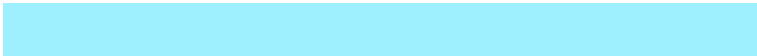
19.9450, -9.8329, 27.2352

Inverse Universe

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



202.7160, 13.9440, -39.2159



217.1920, 18.6393, -51.9114



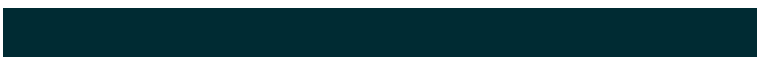
181.5840, 24.3621, -20.6832



110.2380, 2.3477, -6.3477



109.6300, 34.1994, -96.1455



31.0550, 9.8329, -27.2352

Previews

White Background



This preview shows how the YUV color 186.2840, -13.9440, 39.2159 looks on a white background.

Color Contrast Check

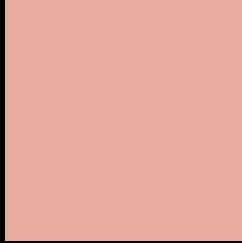
Large Text (above 18pt) WCAG AA × Fail

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 186.2840, -13.9440, 39.2159 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 186.2840, -13.9440, 39.2159

Background



This preview shows how black text looks on a background with the YUV color 186.2840, -13.9440, 39.2159.



This preview shows how white text looks on a background with the YUV color 186.2840, -13.9440,

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

186.2840, -13.9440, 39.2159

Protanopia

184.2260, -9.4784, 6.8178

Deuteranopia

185.0710, -14.3320, 23.6167



Tritanopia

187.5150, -4.1979, 39.8903

Trichromacy



Original Color

186.2840, -13.9440, 39.2159

Protanomaly

185.1350, -11.4056, 18.2986

Deuteranomaly

185.5170, -14.0589, 29.3646

Tritanomaly

186.8910, -7.8343, 39.5606

Monochromacy



Original Color

186.2840, -13.9440, 39.2159

Achromatopsia

186.0000, 0.0000, 0.0000

Achromatomaly

186.1220, -4.9901, 13.9250

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.2840, -13.9440, 39.2159 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(231, 169, 158)` looks like.

```
.text, #text, p{  
    color:rgb(231, 169, 158)  
}
```

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(231, 169, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 169, 158) }
```

Border

The CSS property to change the border of an element to YUV 186.2840, -13.9440, 39.2159 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(231, 169, 158) }
```


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

```
.border{ border-color:rgb(231, 169, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 169, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 169, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 169, 158);  
box-shadow:4px 4px 4px 4px rgb(231, 169,  
158) }
```

Background

The CSS property to change the background color of an element to YUV 186.2840, -13.9440, 39.2159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 169, 158) }
```

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

```
.background{ background-color: rgb(231,  
169, 158) }
```

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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