

Converting Colors

YUV(186.4700, -19.4587,
34.6678)

Have a look what the booklet for
YUV(186.4700, -19.4587, 34.6678)
contains.

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Color

**YUV(186.4700, -19.4587,
34.6678)**

Conversions

Conversions Part 1

Format	Color
Hex	E2AE93
RGB	226, 174, 147
RGB Percent	89%, 68%, 58%
CMY	0.1137, 0.3176, 0.4235
CMYK	0.00, 0.23, 0.35, 0.11
HSL	21°, 58%, 73%
HSV	21°, 35%, 89%
XYZ	51.7665, 48.5474, 34.2460
YIQ	186.4700, 39.6590, 2.6270

Conversions

Conversions Part 2

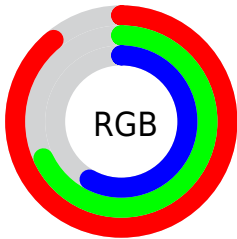
Format	Color
R _Y B	226, 188, 147
Decimal	14855827
CIE Lab	75.17, 15.36, 21.17
CIE LCh	75, 26.157, 54.050
Yxy	48.5474, 0.3847, 0.3608
Android (android.graphics.Color)	4293045907 (0xFFE2AE93)
YUV	186.4700, -19.4587, 34.6678
Hunter-Lab	69.6760, 10.6855, 19.6320

Details

The YUV color $186.4700, -19.4587, 34.6678$ is a light color, and the websafe version is hex $CC9966$. A complement of this color would be $186.5300, 19.4587, -34.6678$, and the grayscale version is $187.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $234.1690, -16.3523, 18.2688$, and $132.5020, -17.9955, 32.0087$ is the 20% darker color. If you saturate the color by 10%, you get $175.0430, -25.1642, 44.6893$, and if you desaturate by 10%, it is $197.8970, -13.7532, 24.6463$.

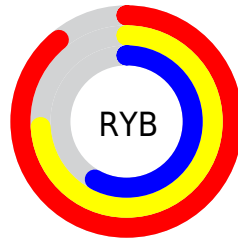
Distribution



Red (89%)

Green (68%)

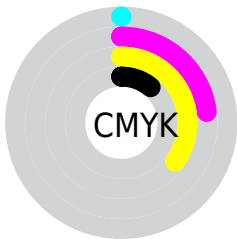
Blue (58%)



Red (89%)

Yellow (74%)

Blue (58%)

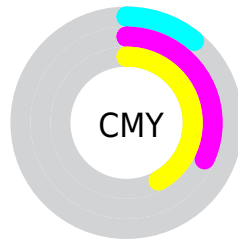


Cyan (0%)

Magenta (23%)

Yellow (35%)

Black (11%)



Cyan (11%)

Magenta (32%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the YUV color 186.4700, -19.4587, 34.6678 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 186.4700, -19.4587, 34.6678 by changing the saturation by 10% instead.


 186.4700,
-19.4587, 34.6678

 186.4700,
-19.4587, 34.6678

255.0000, 0.0000,
0.0000


 158.9860,
-18.7271, 33.3383


 234.1690,
-16.3523, 18.2688


 132.5020,
-17.9955, 32.0087

 252.0360,
-11.3567, 2.5994

 107.6050,
-17.5533, 30.1644

 82.9360, -16.2374,
28.1201

 59.1530, -15.3584,
26.1758

 36.0280, -15.7898,
24.5314

 15.4820, -7.6326,

21.5023

■ 0.0000, 0.0000,
0.0000

■ 186.4700,
-19.4587, 34.6678

■ 186.4700,
-19.4587, 34.6678

■ 175.0430,
-25.1642, 44.6893

■ 197.8970,
-13.7532, 24.6463

■ 163.7300,
-30.4329, 54.6108

■ 209.2100, -8.4845,
14.7248

■ 152.3030,
-36.1384, 64.6323

■ 220.6370, -2.7790,
4.7034

■ 140.9900,
-41.4071, 74.5538

■ 231.9500, 2.4896,
-5.2182

■ 130.1500,
-47.4019, 84.0604

■ 242.2200, 6.3005,
-14.2249

■ 118.7230,
-53.1074, 94.0819

■ 246.3290, 4.2748,
-17.8285

■ 112.7730,
-55.5971, 99.3001

Harmonies

Analogous

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



188.2070, -10.4551, 40.1605



186.4700, -19.4587, 34.6678



184.3450, -23.3411, 19.8684

Triad

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



186.4700, -19.4587, 34.6678



175.2030, 1.8719, -40.5200



187.0700, 20.6715, -3.5694

Complementary

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



186.4700, -19.4587, 34.6678



186.5300, 19.4587, -34.6678

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.



181.9420, 24.6786, -28.8901



186.4700, -19.4587, 34.6678



173.8670, 14.8556, -51.6264

Square

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



186.4700, -19.4587, 34.6678



178.5940, -11.1388, -20.6919



176.3650, 22.9911, -47.6781



189.3350, 12.1598, 19.8772

Rectangle

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



186.4700, -19.4587, 34.6678



182.6100, -21.9927, 7.3580



176.3650, 22.9911, -47.6781



184.9980, 23.1720, -12.2762

Sweetspot

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



186.4700, -19.4587, 34.6678



242.1710, -6.0003, 11.2510



176.6630, 11.5051, 43.2685



119.7190, -3.8055, 7.2624



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.



186.4700, -19.4587, 34.6678



201.7120, -26.4800, 46.7336



209.3630, -30.7450, 14.5906



106.6370, -2.7790, 4.7034



87.8440, -43.3071, 77.3128



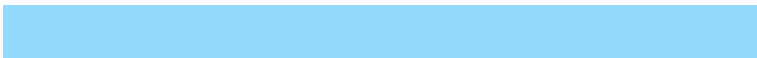
24.3310, -11.9952, 20.7577

Inverse Universe

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



186.5300, 19.4587, -34.6678



201.2880, 26.4800, -46.7336



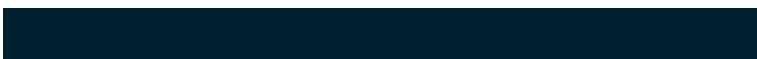
163.6370, 30.7450, -14.5906



106.3630, 2.7790, -4.7034



88.1560, 43.3071, -77.3128



24.2560, 11.7058, -21.2725

Previews

White Background



This preview shows how the YUV color 186.4700, -19.4587, 34.6678 looks on a white background.

Color Contrast Check

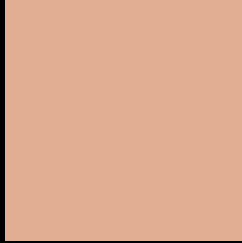
Large Text (above 18pt) WCAG AA × Fail

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 186.4700, -19.4587, 34.6678 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

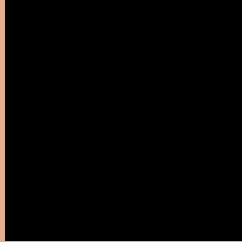
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 186.4700, -19.4587, 34.6678

Background



This preview shows how black text looks on a background with the YUV color 186.4700, -19.4587, 34.6678.



This preview shows how white text looks on a background with the YUV color 186.4700, -19.4587, 34.6678.

34.6678.

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

186.4700, -19.4587, 34.6678

Protanopia

184.5270, -16.0358, 10.0618

Deuteranopia

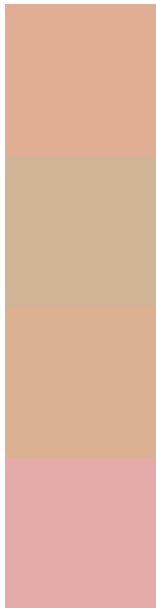
186.0130, -19.7264, 27.1756



Tritanopia

188.7210, -3.3135, 36.2017

Trichromacy



Original Color

186.4700, -19.4587, 34.6678

Protanomaly

185.2400, -17.3733, 19.0835

Deuteranomaly

186.3230, -19.8792, 29.5347

Tritanomaly

188.1140, -9.4232, 35.8570

Monochromacy



Original Color

186.4700, -19.4587, 34.6678

Achromatopsia

186.0000, 0.0000, 0.0000

Achromatomaly

186.5410, -7.1687, 12.6805

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.4700, -19.4587, 34.6678 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(226, 174, 147)` looks like.

```
.text, #text, p{  
    color:rgb(226, 174, 147)  
}
```

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(226, 174, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 174, 147) }
```

Border

The CSS property to change the border of an element to YUV 186.4700, -19.4587, 34.6678 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(226, 174, 147) }
```


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

```
.border{ border-color:rgb(226, 174, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 174, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 174, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 174, 147);  
box-shadow:4px 4px 4px 4px rgb(226, 174,  
147) }
```

Background

The CSS property to change the background color of an element to YUV 186.4700, -19.4587, 34.6678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 174, 147) }
```

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

```
.background{ background-color: rgb(226,  
174, 147) }
```

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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