

Converting Colors

YUV(186.8720, -19.1639,
33.4383)

Have a look what the booklet for
YUV(186.8720, -19.1639, 33.4383)
contains.

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Color

**YUV(186.8720, -19.1639,
33.4383)**

Conversions

Conversions Part 1

Format	Color
Hex	E1AF94
RGB	225, 175, 148
RGB Percent	88%, 69%, 58%
CMY	0.1176, 0.3137, 0.4196
CMYK	0.00, 0.22, 0.34, 0.12
HSL	21°, 56%, 73%
HSV	21°, 34%, 88%
XYZ	51.7266, 48.8056, 34.7111
YIQ	186.8720, 38.4670, 2.2030

Conversions

Conversions Part 2

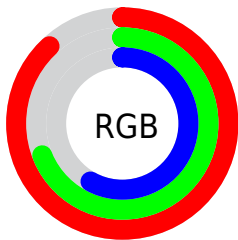
Format	Color
R_{YB}	225, 190, 148
Decimal	14790548
CIE _{Lab}	75.33, 14.56, 20.84
CIE _{LCh}	75, 25.420, 55.067
Yxy	48.8056, 0.3825, 0.3609
Android (android.graphics.Color)	4292980628 (0xFFE1AF94)
YUV	186.8720, -19.1639, 33.4383
Hunter-Lab	69.8610, 9.9085, 19.4439

Details

The YUV color $186.8720, -19.1639, 33.4383$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $186.1280, 19.1639, -33.4383$, and the grayscale version is $187.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $234.8700, -16.2049, 17.6540$, and $132.9040, -17.7007, 30.7792$ is the 20% darker color. If you saturate the color by 10%, you get $175.5590, -24.4326, 43.3598$, and if you desaturate by 10%, it is $198.2990, -13.4584, 23.4168$.

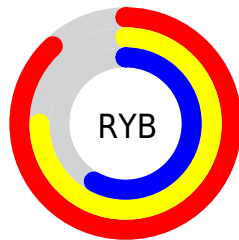
Distribution



Red (88%)

Green (69%)

Blue (58%)



Red (88%)

Yellow (75%)

Blue (58%)

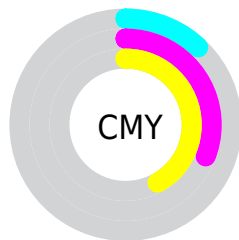


Cyan (0%)

Magenta (22%)

Yellow (34%)

Black (12%)



Cyan (12%)

Magenta (31%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.8720, -19.1639, 33.4383 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 186.8720, -19.1639, 33.4383 by changing the saturation by 10% instead.

■ 186.8720,
-19.1639, 33.4383

■ 186.8720,
-19.1639, 33.4383

255.0000, 0.0000,
0.0000

■ 159.3880,
-18.4323, 32.1087

■ 234.8700,
-16.2049, 17.6540

■ 132.9040,
-17.7007, 30.7792

■ 252.1500,
-10.9200, 2.4994

■ 108.0070,
-17.2585, 28.9349

■ 83.2240, -16.3794,
26.9906

■ 59.5550, -15.0636,
24.9463

■ 36.4300, -15.4950,
23.3019

■ 15.7700, -7.7746,

20.3727

0.0000, 0.0000,
0.0000

186.8720,
-19.1639, 33.4383

186.8720,
-19.1639, 33.4383

175.5590,
-24.4326, 43.3598

198.2990,
-13.4584, 23.4168

164.7190,
-30.4275, 52.8664

209.0250, -7.9003,
14.0101

153.4060,
-35.6962, 62.7879

220.4520, -2.1948,
3.9886

142.5660,
-41.6910, 72.2946

231.1780, 3.3632,
-5.4181

131.2530,
-46.9597, 82.2161

241.9210, 6.4479,
-14.8397

■ 119.8260,
-52.6652, 92.2376

■ 246.0300, 4.4222,
-18.4433

■ 113.6480,
-56.0285, 97.6557

Harmonies

Analogous

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



188.4950, -10.5970, 39.0309



186.8720, -19.1639, 33.4383



185.1600, -22.7569, 19.1537

Triad

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



186.8720, -19.1639, 33.4383



176.6160, 2.1613, -40.0052



187.2550, 20.0873, -2.8546

Complementary

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



186.8720, -19.1639, 33.4383



186.1280, 19.1639, -33.4383

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.



182.8390, 24.2364, -27.0458



186.8720, -19.1639, 33.4383



174.7640, 14.4133, -49.7820

Square

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



186.8720, -19.1639, 33.4383



179.4090, -10.5546, -21.4067



177.5610, 22.4014, -45.2190



189.2210, 11.7230, 19.9772

Rectangle

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



186.8720, -19.1639, 33.4383



183.4250, -21.4085, 6.6433



177.5610, 22.4014, -45.2190



186.2540, 21.5668, -10.7468

Sweetspot

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



186.8720, -19.1639, 33.4383



242.1710, -6.0003, 11.2510



176.7230, 10.4896, 42.3389



120.3060, -4.0949, 6.7476



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.



186.8720, -19.1639, 33.4383



203.1140, -26.1852, 45.5040



209.1780, -30.1608, 13.8759



106.6370, -2.7790, 4.7034



89.0180, -43.8859, 76.2832



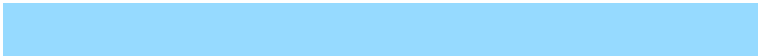
24.3310, -11.9952, 20.7577

Inverse Universe

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



186.1280, 19.1639, -33.4383



201.8860, 26.1852, -45.5040



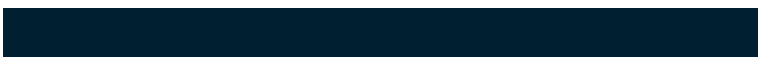
163.8220, 30.1608, -13.8759



106.3630, 2.7790, -4.7034



86.9820, 43.8859, -76.2832



23.6690, 11.9952, -20.7577

Previews

White Background



This preview shows how the YUV color 186.8720, -19.1639, 33.4383 looks on a white background.

Color Contrast Check

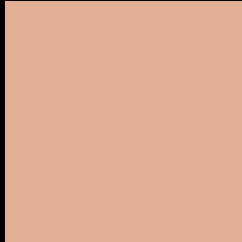
Large Text (above 18pt) WCAG AA × Fail

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 186.8720, -19.1639, 33.4383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

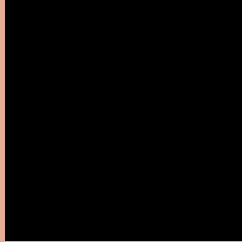
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 186.8720, -19.1639, 33.4383

Background



This preview shows how black text looks on a background with the YUV color 186.8720, -19.1639, 33.4383.



This preview shows how white text looks on a background with the YUV color 186.8720, -19.1639, 33.4383.

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

186.8720, -19.1639, 33.4383

Protanopia

184.6410, -15.5990, 9.9618

Deuteranopia

186.1270, -19.2896, 27.0756



Tritanopia

189.1230, -3.0186, 34.9721

Trichromacy



Original Color

186.8720, -19.1639, 33.4383

Protanomaly

185.3540, -16.9365, 18.9835

Deuteranomaly

186.4370, -19.4424, 29.4348

Tritanomaly

188.5160, -9.1284, 34.6275

Monochromacy



Original Color

186.8720, -19.1639, 33.4383

Achromatopsia

187.0000, 0.0000, 0.0000

Achromatomaly

187.2420, -7.0213, 12.0658

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.8720, -19.1639, 33.4383 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, 175, 148)` looks like.

```
.text, #text, p{  
    color:rgb(225, 175, 148)  
}
```

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, 175, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 175, 148) }
```

Border

The CSS property to change the border of an element to YUV 186.8720, -19.1639, 33.4383 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, 175, 148) }
```


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

```
.border{ border-color:rgb(225, 175, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 175, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 175, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 175, 148);  
box-shadow:4px 4px 4px 4px rgb(225, 175,  
148) }
```

Background

The CSS property to change the background color of an element to YUV 186.8720, -19.1639, 33.4383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 175, 148) }
```

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

```
.background{ background-color: rgb(225,  
175, 148) }
```

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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