

Converting Colors

YUV(186.5830, -17.5424,
26.6757)

Have a look what the booklet for
YUV(186.5830, -17.5424, 26.6757)
contains.

YUV(186.5830, -17.5424, 26.6757)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(186.5830, -17.5424,
26.6757)**

Conversions

Conversions Part 1

Format	Color
Hex	D9B297
RGB	217, 178, 151
RGB Percent	85%, 70%, 59%
CMY	0.1490, 0.3020, 0.4078
CMYK	0.00, 0.18, 0.30, 0.15
HSL	25°, 46%, 72%
HSV	25°, 30%, 85%
XYZ	50.1216, 48.8269, 36.0610
YIQ	186.5830, 31.9110, -0.1290

Conversions

Conversions Part 2

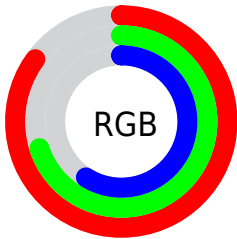
Format	Color
RYB	217, 197, 151
Decimal	14267031
CIELab	75.34, 10.23, 19.11
CIElCh	75, 21.681, 61.839
Yxy	48.8269, 0.3712, 0.3617
Android (android.graphics.Color)	4292457111 (0xFFD9B297)
YUV	186.5830, -17.5424, 26.6757
Hunter-Lab	69.8762, 5.7530, 18.3156

Details

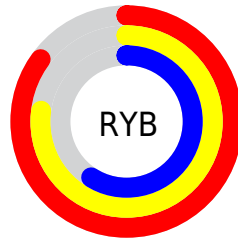
The YUV color $186.5830, -17.5424, 26.6757$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $181.4170, 17.5424, -26.6757$, and the grayscale version is $187.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $236.9730, -15.7627, 15.8097$, and $132.9140, -16.2266, 24.6314$ is the 20% darker color. If you saturate the color by 10%, you get $176.4440, -23.3899, 35.5676$, and if you desaturate by 10%, it is $196.7220, -11.6949, 17.7838$.

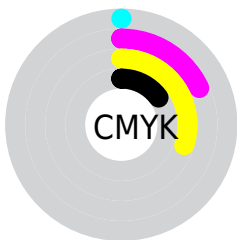
Distribution



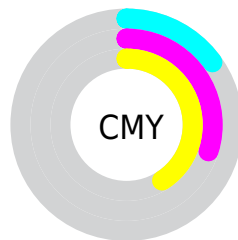
- Red (85%)
- Green (70%)
- Blue (59%)



- Red (85%)
- Yellow (77%)
- Blue (59%)



- Cyan (0%)
- Magenta (18%)
- Yellow (30%)
- Black (15%)



- Cyan (15%)
- Magenta (30%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.5830, -17.5424, 26.6757 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 186.5830, -17.5424, 26.6757 by changing the saturation by 10% instead.

■ 186.5830,
-17.5424, 26.6757

■ 186.5830,
-17.5424, 26.6757

255.0000, 0.0000,
0.0000

■ 159.3980,
-16.9582, 25.9610

■ 236.9730,
-15.7627, 15.8097

■ 132.9140,
-16.2266, 24.6314

■ 252.6060, -9.1728,
2.0995

■ 107.4300,
-15.4950, 23.3019

■ 82.9460, -14.7634,
21.9724

■ 60.0490, -14.3212,
20.1280

■ 37.1520, -13.8789,
18.2837

■ 16.9220, -8.3425,

15.8544

■ 0.0000, 0.0000,
0.0000

■ 186.5830,
-17.5424, 26.6757

■ 186.5830,
-17.5424, 26.6757

■ 176.4440,
-23.3899, 35.5676

■ 196.7220,
-11.6949, 17.7838

■ 166.4190,
-28.8006, 44.3595

■ 206.7470, -6.2843,
8.9919

■ 156.8670,
-34.9374, 52.7366

■ 216.2990, -0.1474,
0.6148

■ 146.7280,
-40.7849, 61.6285

■ 226.4380, 5.7001,
-8.2771

■ 136.7030,
-46.1956, 70.4205

■ 236.0070, 9.3635,
-16.6691

■ 126.5640,
-52.0431, 79.3124

■ 243.6380, 5.6015,
-23.3615

■ 117.1260,
-57.7431, 87.5895

Harmonies

Analogous

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



187.9350, -11.3070, 33.3830



186.5830, -17.5424, 26.6757



185.0390, -19.2462, 13.1208

Triad

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



186.5830, -17.5424, 26.6757



177.8060, 4.0396, -35.7869



187.7350, 15.4136, 2.8634

Complementary

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



186.5830, -17.5424, 26.6757



181.4170, 17.5424, -26.6757

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.



184.4550, 19.9887, -17.9390



186.5830, -17.5424, 26.6757



177.4060, 14.0968, -41.5751

Square

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



186.5830, -17.5424, 26.6757



179.7340, -6.7709, -21.6917



180.5300, 19.4587, -34.6678



189.1950, 7.7919, 20.8770

Rectangle

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



186.5830, -17.5424, 26.6757



183.1300, -17.3191, 1.6400



180.5300, 19.4587, -34.6678



186.5600, 17.4719, -3.9991

Sweetspot

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



186.5830, -17.5424, 26.6757



244.1600, -5.9949, 9.5067



175.2940, 7.7431, 36.5762



121.0070, -3.9475, 6.1329



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.



186.5830, -17.5424, 26.6757



212.8140, -24.5583, 36.9971



205.3670, -26.8029, 10.2021



104.6370, -2.7790, 4.7034



93.4040, -46.0482, 69.8057



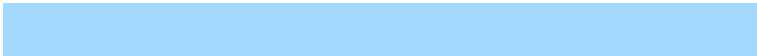
24.9070, -12.2792, 18.4986

Inverse Universe

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



181.4170, 17.5424, -26.6757



205.1860, 24.5583, -36.9971



162.6330, 26.8029, -10.2021



103.7760, 3.0684, -4.1886



79.5960, 46.0482, -69.8057



21.0930, 12.2792, -18.4986

Previews

White Background



This preview shows how the YUV color 186.5830, -17.5424, 26.6757 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 186.5830, -17.5424, 26.6757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

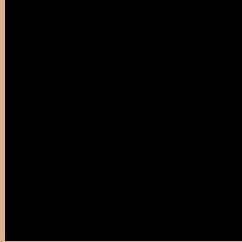
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 186.5830, -17.5424, 26.6757

Background



This preview shows how black text looks on a background with the YUV color 186.5830, -17.5424, 26.6757.



This preview shows how white text looks on a background with the YUV color 186.5830, -17.5424,

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

186.5830, -17.5424, 26.6757

Protanopia

184.8690, -14.7254, 9.7619

Deuteranopia

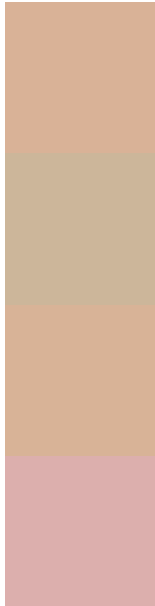
186.8710, -17.6844, 25.5461



Tritanopia

188.8340, -1.3972, 28.2096

Trichromacy



Original Color

186.5830, -17.5424, 26.6757

Protanomaly

185.3860, -15.4733, 16.3245

Deuteranomaly

186.8710, -17.6844, 25.5461

Tritanomaly

188.2270, -7.5069, 27.8649

Monochromacy



Original Color

186.5830, -17.5424, 26.6757

Achromatopsia

187.0000, 0.0000, 0.0000

Achromatomaly

187.0460, -6.4317, 9.6067

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.5830, -17.5424, 26.6757 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(217, 178, 151)` looks like.

```
.text, #text, p{  
    color:rgb(217, 178, 151)  
}
```

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(217, 178, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 178, 151) }
```

Border

The CSS property to change the border of an element to YUV 186.5830, -17.5424, 26.6757 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(217, 178, 151) }
```


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

```
.border{ border-color:rgb(217, 178, 151) }
```

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

Here you see how a box with a 4 pixel rgb(217, 178, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 178, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 178, 151);  
box-shadow:4px 4px 4px 4px rgb(217, 178,  
151) }
```

Background

The CSS property to change the background color of an element to YUV 186.5830, -17.5424, 26.6757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 178, 151) }
```

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

```
.background{ background-color: rgb(217,  
178, 151) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor