

Converting Colors

YUV(186.3030, -26.2784,
28.6753)

Have a look what the booklet for
YUV(186.3030, -26.2784, 28.6753)
contains.

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Color

**YUV(186.3030, -26.2784,
28.6753)**

Conversions

Conversions Part 1

Format	Color
Hex	DBB485
RGB	219, 180, 133
RGB Percent	86%, 71%, 52%
CMY	0.1412, 0.2941, 0.4784
CMYK	0.00, 0.18, 0.39, 0.14
HSL	33°, 54%, 69%
HSV	33°, 39%, 86%
XYZ	49.7683, 49.3960, 29.1016
YIQ	186.3030, 38.3310, -6.3490

Conversions

Conversions Part 2

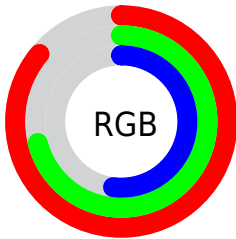
Format	Color
RYB	204, 219, 133
Decimal	14398597
CIELab	75.70, 7.76, 29.27
CIELCh	76, 30.279, 75.156
Yxy	49.3960, 0.3880, 0.3851
Android (android.graphics.Color)	4292588677 (0xFFDDBB485)
YUV	186.3030, -26.2784, 28.6753
Hunter-Lab	70.2823, 3.4054, 24.6476

Details

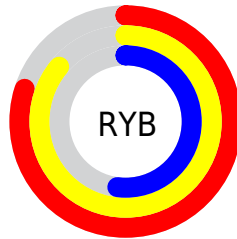
The YUV color **186.3030, -26.2784, 28.6753** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **165.6970, 26.2784, -28.6753**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.0950, -24.2038, 16.5797**, and **132.4490, -24.3784, 25.9162** is the 20% darker color. If you saturate the color by 10%, you get **177.9250, -32.9940, 36.0228**, and if you desaturate by 10%, it is **194.6810, -19.5627, 21.3278**.

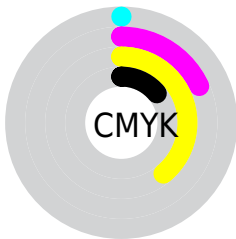
Distribution



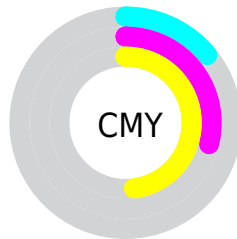
- Red (86%)
- Green (71%)
- Blue (52%)



- Red (80%)
- Yellow (86%)
- Blue (52%)



- Cyan (0%)
- Magenta (18%)
- Yellow (39%)
- Black (14%)



- Cyan (14%)
- Magenta (29%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.3030, -26.2784, 28.6753 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 186.3030, -26.2784, 28.6753 by changing the saturation by 10% instead.

■ 186.3030,
-26.2784, 28.6753

■ 186.3030,
-26.2784, 28.6753

■ 255.0000, 0.0000,
0.0000

■ 158.8190,
-25.5468, 27.3457

■ 236.0950,
-24.2038, 16.5797

■ 132.4490,
-24.3784, 25.9162

■ 250.3260,
-17.9087, 4.0991

■ 106.9650,
-23.6467, 24.5867

■ 253.6320, -5.2416,
1.1997

■ 82.4810, -22.9151,
23.2572

■ 59.2850, -22.3255,
20.7981

■ 37.3000, -18.3889,
18.1539

■ 17.7970, -8.7739,

14.2100

■ 0.0000, 0.0000,
0.0000

■ 186.3030,
-26.2784, 28.6753

■ 186.3030,
-26.2784, 28.6753

■ 177.9250,
-32.9940, 36.0228

■ 194.6810,
-19.5627, 21.3278

■ 169.5470,
-39.7097, 43.3703

■ 203.0590,
-12.8471, 13.9803

■ 161.1690,
-46.4253, 50.7178

■ 211.4370, -6.1314,
6.6328

■ 152.7910,
-53.1410, 58.0653

■ 219.8150, 0.5842,
-0.7148

■ 144.5270,
-59.4198, 65.3128

■ 228.1930, 7.2999,
-8.0623

■ 136.1490,
-66.1355, 72.6603

■ 235.4310, 9.6475,
-14.4100

■ 135.9210,
-67.0091, 72.8603

■ 241.3010, 6.7536,
-19.5580

■ 244.2360, 5.3067,
-22.1320

Harmonies

Analogous

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



188.1120, -19.7752, 42.8748



186.3030, -26.2784, 28.6753



183.3990, -25.3397, 7.5431

Triad

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



186.3030, -26.2784, 28.6753



172.4700, 13.5723, -60.0482



190.6810, 17.4123, 15.1888

Complementary

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



186.3030, -26.2784, 28.6753



165.6970, 26.2784, -28.6753

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.



186.4970, 26.3770, -13.5909



186.3030, -26.2784, 28.6753



173.2600, 25.5078, -61.6180

Square

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



186.3030, -26.2784, 28.6753



176.0520, -2.4906, -41.2646



179.8200, 29.6687, -42.8151



190.7240, 5.5591, 37.0761

Rectangle

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



186.3030, -26.2784, 28.6753



181.5540, -20.4861, -9.2559



179.8200, 29.6687, -42.8151



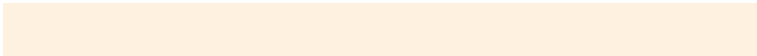
189.8370, 20.7864, 6.2820

Sweetspot

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



186.3030, -26.2784, 28.6753



243.2480, -9.4893, 10.3065



163.2740, 4.7949, 48.8717



120.6650, -5.2578, 6.4328



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.



186.3030, -26.2784, 28.6753



209.6220, -36.7886, 39.7965



208.2990, -37.1224, 6.7538



105.8110, -3.3578, 3.6738



107.4920, -52.9936, 57.4505



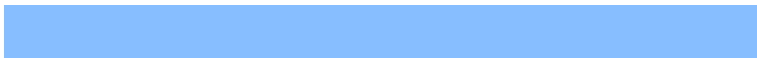
28.4290, -14.0155, 15.4098

Inverse Universe

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



165.6970, 26.2784, -28.6753



180.9650, 36.4993, -40.3113



143.7010, 37.1224, -6.7538



103.1890, 3.3578, -3.6738



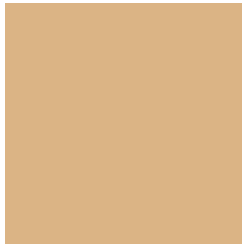
66.0950, 52.7042, -57.9653



17.5710, 14.0155, -15.4098

Previews

White Background



This preview shows how the YUV color 186.3030, -26.2784, 28.6753 looks on a white background.

Color Contrast Check

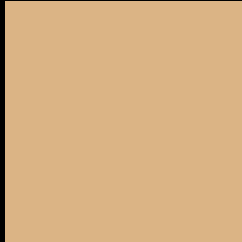
Large Text (above 18pt) WCAG AA × Fail

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 186.3030, -26.2784, 28.6753 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 186.3030, -26.2784, 28.6753

Background



This preview shows how black text looks on a background with the YUV color 186.3030, -26.2784, 28.6753.



This preview shows how white text looks on a background with the YUV color 186.3030, -26.2784,

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

186.3030, -26.2784, 28.6753

Protanopia

185.3720, -24.3404, 13.7058

Deuteranopia

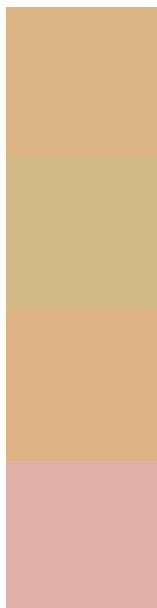
186.6130, -26.4312, 31.0344



Tritanopia

189.7310, -1.8394, 30.0539

Trichromacy



Original Color

186.3030, -26.2784, 28.6753

Protanomaly

185.5900, -24.9409, 19.6536

Deuteranomaly

186.3140, -26.2838, 30.4196

Tritanomaly

188.7280, -10.7119, 29.1795

Monochromacy



Original Color

186.3030, -26.2784, 28.6753

Achromatopsia

186.0000, 0.0000, 0.0000

Achromatomaly

186.2480, -9.4893, 10.3065

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.3030, -26.2784, 28.6753 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(219, 180, 133)` looks like.

```
.text, #text, p{  
    color:rgb(219, 180, 133)  
}
```

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(219, 180, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 180, 133) }
```

Border

The CSS property to change the border of an element to YUV 186.3030, -26.2784, 28.6753 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(219, 180, 133) }
```


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

```
.border{ border-color:rgb(219, 180, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 180, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 180, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 180, 133);  
box-shadow:4px 4px 4px 4px rgb(219, 180,  
133) }
```

Background

The CSS property to change the background color of an element to YUV 186.3030, -26.2784, 28.6753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 180, 133) }
```

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

```
.background{ background-color: rgb(219,  
180, 133) }
```

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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