

Converting Colors

YUV(186.0560, -18.2686,
26.2609)

Have a look what the booklet for
YUV(186.0560, -18.2686, 26.2609)
contains.

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Color

**YUV(186.0560, -18.2686,
26.2609)**

Conversions

Conversions Part 1

Format	Color
Hex	D8B295
RGB	216, 178, 149
RGB Percent	85%, 70%, 58%
CMY	0.1529, 0.3020, 0.4157
CMYK	0.00, 0.18, 0.31, 0.15
HSL	26°, 46%, 72%
HSV	26°, 31%, 85%
XYZ	49.6641, 48.6096, 35.1988
YIQ	186.0560, 31.9570, -0.9630

Conversions

Conversions Part 2

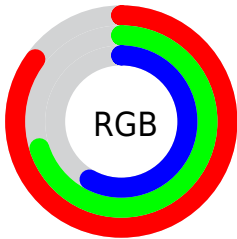
Format	Color
R _Y B	216, 200, 149
Decimal	14201493
CIE Lab	75.21, 9.58, 19.99
CIE LCh	75, 22.171, 64.387
Yxy	48.6096, 0.3721, 0.3642
Android (android.graphics.Color)	4292391573 (0xFFD8B295)
YUV	186.0560, -18.2686, 26.2609
Hunter-Lab	69.7206, 5.1399, 18.8716

Details

The YUV color $186.0560, -18.2686, 26.2609$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $178.9440, 18.2686, -26.2609$, and the grayscale version is $186.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $236.7450, -16.6363, 16.0096$, and $132.3870, -16.9528, 24.2166$ is the 20% darker color. If you saturate the color by 10%, you get $176.5040, -24.4055, 34.6380$, and if you desaturate by 10%, it is $195.6080, -12.1317, 17.8838$.

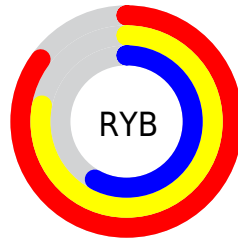
Distribution



Red (85%)

Green (70%)

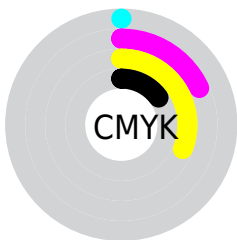
Blue (58%)



Red (85%)

Yellow (78%)

Blue (58%)

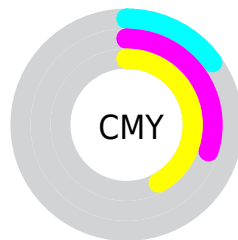


Cyan (0%)

Magenta (18%)

Yellow (31%)

Black (15%)



Cyan (15%)

Magenta (30%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.0560, -18.2686, 26.2609 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 186.0560, -18.2686, 26.2609 by changing the saturation by 10% instead.

■ 186.0560,
-18.2686, 26.2609

■ 186.0560,
-18.2686, 26.2609

255.0000, 0.0000,
0.0000

■ 158.8710,
-17.6844, 25.5461

■ 236.7450,
-16.6363, 16.0096

■ 132.3870,
-16.9528, 24.2166

■ 252.2640,
-10.4832, 2.3995

■ 106.9030,
-16.2212, 22.8871

■ 82.4190, -15.4896,
21.5575

■ 59.6360, -14.6105,
19.6132

■ 36.8100, -15.1893,
18.5836

■ 16.9220, -8.3425,

15.8544

■ 0.0000, 0.0000,
0.0000

■ 186.0560,
-18.2686, 26.2609

■ 186.0560,
-18.2686, 26.2609

■ 176.5040,
-24.4055, 34.6380

■ 195.6080,
-12.1317, 17.8838

■ 166.4790,
-29.8161, 43.4299

■ 205.6330, -6.7211,
9.0919

■ 156.9270,
-35.9530, 51.8070

■ 215.1850, -0.5842,
0.7148

■ 147.4890,
-41.6531, 60.0841

■ 224.6230, 5.1159,
-7.5624

■ 137.9370,
-47.7899, 68.4613

■ 233.9470, 10.3791,
-15.7395

■ 127.7980,
-53.6374, 77.3532

■ 241.5780, 6.6170,
-22.4319

■ 119.1750,
-58.7533, 84.9155

■ 243.3390, 5.7489,
-23.9763

Harmonies

Analogous

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



187.7070, -12.1806, 33.5830



186.0560, -18.2686, 26.2609



184.3270, -19.3882, 11.9912

Triad

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



186.0560, -18.2686, 26.2609



177.1370, 5.3555, -37.8311



187.7460, 15.4082, 4.6078

Complementary

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



186.0560, -18.2686, 26.2609



178.9440, 18.2686, -26.2609

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.



184.2810, 20.5675, -16.9094



186.0560, -18.2686, 26.2609



177.2210, 14.6810, -42.2898

Square

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



186.0560, -18.2686, 26.2609



178.9510, -5.8918, -23.6360



180.0570, 20.1849, -34.2530



188.6790, 7.0603, 22.2065

Rectangle

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



186.0560, -18.2686, 26.2609



182.5320, -17.0243, 0.4104



180.0570, 20.1849, -34.2530



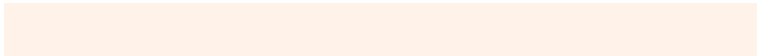
186.5710, 17.4665, -2.2548

Sweetspot

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



186.0560, -18.2686, 26.2609



244.7470, -6.2843, 8.9919



173.4790, 7.1589, 37.2909



121.5940, -4.2368, 5.6181



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.



186.0560, -18.2686, 26.2609



212.5860, -25.4319, 37.1971



204.8400, -27.5291, 9.7873



102.2240, -3.0684, 4.1886



94.5670, -46.6215, 67.0317



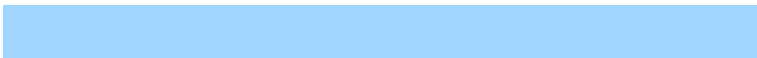
24.0100, -11.8369, 16.6542

Inverse Universe

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



178.9440, 18.2686, -26.2609



202.8270, 25.7213, -36.6823



160.1600, 27.5291, -9.7873



100.7760, 3.0684, -4.1886



76.4330, 46.6215, -67.0317



19.5770, 11.5475, -17.1690

Previews

White Background



This preview shows how the YUV color 186.0560, -18.2686, 26.2609 looks on a white background.

Color Contrast Check

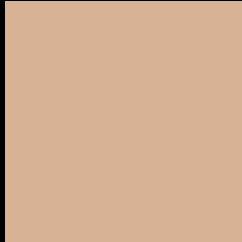
Large Text (above 18pt) WCAG AA × Fail

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 186.0560, -18.2686, 26.2609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

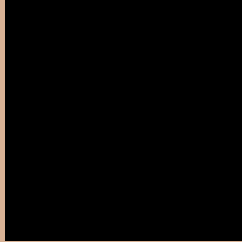
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 186.0560, -18.2686, 26.2609

Background



This preview shows how black text looks on a background with the YUV color 186.0560, -18.2686, 26.2609.



This preview shows how white text looks on a background with the YUV color 186.0560, -18.2686, 26.2609.

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

186.0560, -18.2686, 26.2609

Protanopia

184.5270, -16.0358, 10.0618

Deuteranopia

186.0560, -18.2686, 26.2609



Tritanopia

188.5350, -1.2498, 27.5948

Trichromacy



Original Color

186.0560, -18.2686, 26.2609

Protanomaly

184.7450, -16.6363, 16.0096

Deuteranomaly

186.0560, -18.2686, 26.2609

Tritanomaly

187.9280, -7.3595, 27.2501

Monochromacy



Original Color

186.0560, -18.2686, 26.2609

Achromatopsia

186.0000, 0.0000, 0.0000

Achromatomaly

186.0460, -6.4317, 9.6067

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.0560, -18.2686, 26.2609 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(216, 178, 149)` looks like.

```
.text, #text, p{  
    color:rgb(216, 178, 149)  
}
```

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(216, 178, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 178, 149) }
```

Border

The CSS property to change the border of an element to YUV 186.0560, -18.2686, 26.2609 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(216, 178, 149) }
```


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

```
.border{ border-color:rgb(216, 178, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 178, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 178, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 178, 149); box-shadow:4px 4px 4px 4px rgb(216, 178, 149) }
```

Background

The CSS property to change the background color of an element to YUV 186.0560, -18.2686, 26.2609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 178, 149) }
```

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

```
.background{ background-color: rgb(216,  
178, 149) }
```

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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