

Converting Colors

YUV(186.2280, -29.1994,
32.2490)

Have a look what the booklet for
YUV(186.2280, -29.1994, 32.2490)
contains.

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Color

**YUV(186.2280, -29.1994,
32.2490)**

Conversions

Conversions Part 1

Format	Color
Hex	DFB37F
RGB	223, 179, 127
RGB Percent	87%, 70%, 50%
CMY	0.1255, 0.2980, 0.5020
CMYK	0.00, 0.20, 0.43, 0.13
HSL	32°, 60%, 69%
HSV	32°, 43%, 87%
XYZ	50.3823, 49.4605, 26.9701
YIQ	186.2280, 42.9160, -6.8440

Conversions

Conversions Part 2

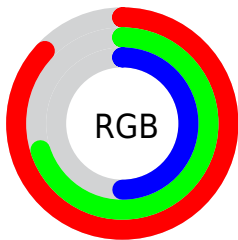
Format	Color
R_{YB}	208, 223, 127
Decimal	14660479
CIE _{Lab}	75.74, 9.24, 32.56
CIE _{LCh}	76, 33.847, 74.165
Yxy	49.4605, 0.3973, 0.3900
Android (android.graphics.Color)	4292850559 (0xFFDFB37F)
YUV	186.2280, -29.1994, 32.2490
Hunter-Lab	70.3281, 4.8011, 26.4926

Details

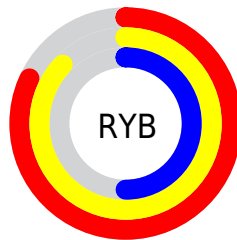
The YUV color $186.2280, -29.1994, 32.2490$ is a light color, and the websafe version is hex $CC9966$. A complement of this color would be $163.7720, 29.1994, -32.2490$, and the grayscale version is $186.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $234.7100, -26.9720, 17.7943$, and $132.3740, -27.2994, 29.4900$ is the 20% darker color. If you saturate the color by 10%, you get $177.8500, -35.9150, 39.5966$, and if you desaturate by 10%, it is $194.6060, -22.4838, 24.9015$.

Distribution



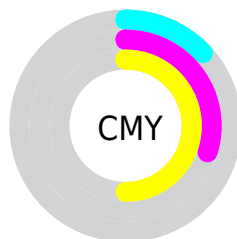
- Red (87%)
- Green (70%)
- Blue (50%)



- Red (82%)
- Yellow (87%)
- Blue (50%)



- Cyan (0%)
- Magenta (20%)
- Yellow (43%)
- Black (13%)



- Cyan (13%)
- Magenta (30%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.2280, -29.1994, 32.2490 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 186.2280, -29.1994, 32.2490 by changing the saturation by 10% instead.

■ 186.2280,
-29.1994, 32.2490

■ 186.2280,
-29.1994, 32.2490

255.0000, 0.0000,
0.0000

■ 158.8580,
-28.0310, 30.8195

■ 234.7100,
-26.9720, 17.7943

■ 132.3740,
-27.2994, 29.4900

■ 249.6420,
-20.5295, 4.6990

■ 106.5910,
-26.4204, 27.5457

■ 252.8340, -8.2992,
1.8996

■ 81.9220, -25.1045,
25.5014

■ 58.4980, -25.3885,
23.2423

■ 37.3110, -18.3943,
19.8983

■ 18.0960, -8.9213,

14.8248

■ 0.0000, 0.0000,
0.0000

■ 186.2280,
-29.1994, 32.2490

■ 186.2280,
-29.1994, 32.2490

■ 177.8500,
-35.9150, 39.5966

■ 194.6060,
-22.4838, 24.9015

■ 169.3580,
-43.0675, 47.0440

■ 203.0980,
-15.3313, 17.4541

■ 160.3930,
-49.4937, 54.9063

■ 212.0630, -8.9051,
9.5917

■ 152.0150,
-56.2094, 62.2538

■ 220.4410, -2.1894,
2.2442

■ 143.6370,
-62.9250, 69.6014

■ 228.9330, 4.9630,
-5.2032

■ 137.7040,
-67.8881, 74.8046

■ 236.6270, 9.0579,
-11.9509

■ 243.0840, 5.8746,
-17.6137

■ 245.4320, 4.7170,
-19.6729

Harmonies

Analogous

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



188.3900, -21.3913, 47.8930



186.2280, -29.1994, 32.2490



183.0140, -28.1079, 8.7577

Triad

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



186.2280, -29.1994, 32.2490



169.5720, 15.4940, -69.7846



190.4900, 20.4644, 16.2333

Complementary

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



186.2280, -29.1994, 32.2490



163.7720, 29.1994, -32.2490

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.



186.6860, 29.7348, -17.2646



186.2280, -29.1994, 32.2490



169.8070, 29.1821, -73.4987

Square

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



186.2280, -29.1994, 32.2490



174.6060, -2.7638, -47.0125



178.3890, 33.3322, -51.2072



191.3870, 6.7112, 40.8796

Rectangle

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



186.2280, -29.1994, 32.2490



180.5710, -22.9595, -9.2708



178.3890, 33.3322, -51.2072



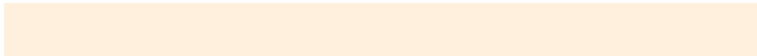
189.9340, 23.6965, 6.1969

Sweetspot

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



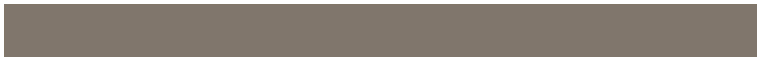
186.2280, -29.1994, 32.2490



242.4330, -10.0735, 11.0213



160.8340, 5.5048, 54.5196



119.7360, -6.2788, 7.2475



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.



186.2280, -29.1994, 32.2490



204.0310, -40.4413, 44.6998



211.1590, -41.4904, 7.7536



107.8110, -3.3578, 3.6738



108.3890, -53.4358, 59.2948



29.6140, -14.5997, 16.1245

Inverse Universe

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



163.7720, 29.1994, -32.2490



172.9690, 40.4413, -44.6998



138.8410, 41.4904, -7.7536



105.1890, 3.3578, -3.6738



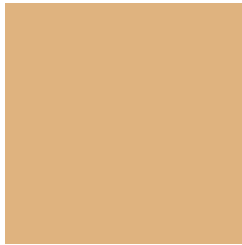
67.6110, 53.4358, -59.2948



18.3860, 14.5997, -16.1245

Previews

White Background



This preview shows how the YUV color 186.2280, -29.1994, 32.2490 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 186.2280, -29.1994, 32.2490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

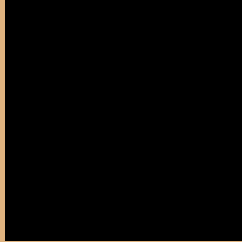
Any Text WCAG AA ✓ Pass

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 186.2280, -29.1994, 32.2490 Background



This preview shows how black text looks on a background with the YUV color 186.2280, -29.1994, 32.2490.



This preview shows how white text looks on a background with the YUV color 186.2280, -29.1994,

32.2490.

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

186.2280, -29.1994, 32.2490

Protanopia

184.9870, -27.1086, 14.9204

Deuteranopia

186.5270, -29.3468, 32.8638



Tritanopia

190.5250, -2.7238, 33.7426

Trichromacy



Original Color

186.2280, -29.1994, 32.2490

Protanomaly

185.5040, -27.8565, 21.4830

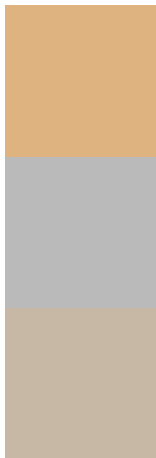
Deuteranomaly

186.5270, -29.3468, 32.8638

Tritanomaly

189.2940, -12.4699, 33.0682

Monochromacy



Original Color

186.2280, -29.1994, 32.2490

Achromatopsia

186.0000, 0.0000, 0.0000

Achromatomaly

185.7320, -10.2209, 11.6360

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.2280, -29.1994, 32.2490 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(223, 179, 127)` looks like.

```
.text, #text, p{  
    color:rgb(223, 179, 127)  
}
```

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(223, 179, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 179, 127) }
```

Border

The CSS property to change the border of an element to YUV 186.2280, -29.1994, 32.2490 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(223, 179, 127) }
```


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

```
.border{ border-color:rgb(223, 179, 127) }
```

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

Here you see how a box with a 4 pixel rgb(223, 179, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 179, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 179, 127);  
box-shadow:4px 4px 4px 4px rgb(223, 179,  
127) }
```

Background

The CSS property to change the background color of an element to YUV 186.2280, -29.1994, 32.2490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 179, 127) }
```

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

```
.background{ background-color: rgb(223,  
179, 127) }
```

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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