

Converting Colors

YUV(187.3700, -27.7904,
47.0335)

Have a look what the booklet for
YUV(187.3700, -27.7904, 47.0335)
contains.

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Color

**YUV(187.3700, -27.7904,
47.0335)**

Conversions

Conversions Part 1

Format	Color
Hex	F1AB83
RGB	241, 171, 131
RGB Percent	95%, 67%, 51%
CMY	0.0549, 0.3294, 0.4863
CMYK	0.00, 0.29, 0.46, 0.05
HSL	22°, 80%, 73%
HSV	22°, 46%, 95%
XYZ	54.9353, 49.4653, 28.1251
YIQ	187.3700, 54.5600, 2.4000

Conversions

Conversions Part 2

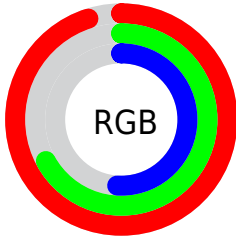
Format	Color
R _Y B	241, 194, 131
Decimal	15838083
CIE Lab	75.74, 21.06, 30.80
CIE LCh	76, 37.313, 55.634
Yxy	49.4653, 0.4145, 0.3733
Android (android.graphics.Color)	4294028163 (0xFFFF1AB83)
YUV	187.3700, -27.7904, 47.0335
Hunter-Lab	70.3316, 16.3443, 25.5225

Details

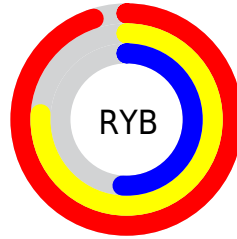
The YUV color $187.3700, -27.7904, 47.0335$ is a light color, and the websafe version is hex $CC9966$. A complement of this color would be $184.6300, 27.7904, -47.0335$, and the grayscale version is $188.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $230.4700, -22.9097, 21.5128$, and $132.9180, -25.5956, 43.0449$ is the 20% darker color. If you saturate the color by 10%, you get $175.8290, -33.9327, 57.1550$, and if you desaturate by 10%, it is $198.9110, -21.6481, 36.9121$.

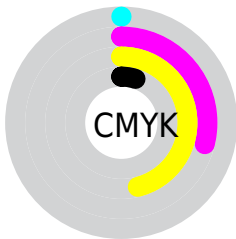
Distribution



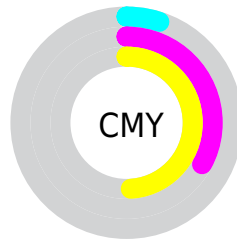
- Red (95%)
- Green (67%)
- Blue (51%)



- Red (95%)
- Yellow (76%)
- Blue (51%)



- Cyan (0%)
- Magenta (29%)
- Yellow (46%)
- Black (5%)



- Cyan (5%)
- Magenta (33%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.3700, -27.7904, 47.0335 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 187.3700, -27.7904, 47.0335 by changing the saturation by 10% instead.

187.3700,
-27.7904, 47.0335

187.3700,
-27.7904, 47.0335

255.0000, 0.0000,
0.0000

159.7010,
-26.4746, 44.9892

230.4700,
-22.9097, 21.5128

132.9180,
-25.5956, 43.0449

250.0980,
-18.7823, 4.2991

107.7220,
-25.0059, 40.5858

253.4040, -6.1152,
1.3997

82.7540, -23.5427,
37.9267

58.6720, -22.5163,
35.3677

36.2030, -17.8481,
31.3940

15.5150, -7.6489,

26.7353

■ 2.0930, -1.0318,
4.3034

■ 0.0000, 0.0000,
0.0000

■ 187.3700,
-27.7904, 47.0335

■ 187.3700,
-27.7904, 47.0335

■ 175.8290,
-33.9327, 57.1550

■ 198.9110,
-21.6481, 36.9121

■ 163.7010,
-39.7856, 67.7912

■ 211.0390,
-15.7952, 26.2758

■ 152.1600,
-45.9279, 77.9127

■ 222.5800, -9.6529,
16.1543

■ 140.6190,
-52.0702, 88.0341

■ 234.1210, -3.5107,
6.0329

■ 128.3770,
-58.3599, 98.7704

■ 246.2490, 2.3422,
-4.6034

■ 123.7150,
-60.9915, 102.8589

■ 250.8140, 2.0637,
-8.6069

Harmonies

Analogous

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



189.1660, -14.8718, 56.8594



187.3700, -27.7904, 47.0335



185.1580, -33.1089, 26.1714

Triad

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



187.3700, -27.7904, 47.0335



169.5590, 5.1474, -64.5112



189.0620, 29.5494, -4.4394

Complementary

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



187.3700, -27.7904, 47.0335



184.6300, 27.7904, -47.0335

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.



180.6440, 36.6575, -44.4148



187.3700, -27.7904, 47.0335



163.0840, 25.5946, -89.5277

Square

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



187.3700, -27.7904, 47.0335



176.3060, -14.4479, -32.7174



168.1250, 36.9134, -79.9166



191.9540, 16.7847, 29.8583

Rectangle

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



187.3700, -27.7904, 47.0335



182.5040, -31.3075, 8.3280



168.1250, 36.9134, -79.9166



186.7830, 32.6450, -17.3497

Sweetspot

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



187.3700, -27.7904, 47.0335



237.3950, -9.0687, 15.4396



171.9840, 14.7979, 60.5270



117.2740, -5.5581, 9.4067



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.



187.3700, -27.7904, 47.0335



186.7970, -35.3959, 59.8140



218.4810, -43.1281, 19.7492



113.9360, -2.9264, 5.3181



94.3450, -46.5121, 78.6274



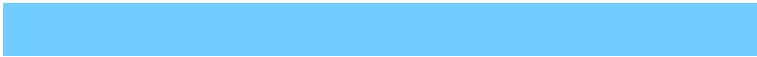
28.4840, -14.0426, 24.1315

Inverse Universe

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



184.6300, 27.7904, -47.0335



183.2030, 35.3959, -59.8140



152.9320, 43.4175, -19.2344



113.4770, 3.2158, -4.8033



89.6550, 46.5121, -78.6274



27.5160, 14.0426, -24.1315

Previews

White Background



This preview shows how the YUV color 187.3700, -27.7904, 47.0335 looks on a white background.

Color Contrast Check

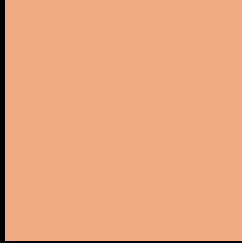
Large Text (above 18pt) WCAG AA × Fail

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 187.3700, -27.7904, 47.0335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

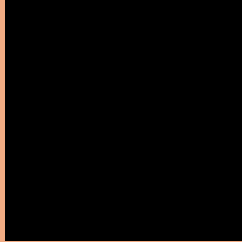
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 187.3700, -27.7904, 47.0335

Background



This preview shows how black text looks on a background with the YUV color 187.3700, -27.7904, 47.0335.



This preview shows how white text looks on a background with the YUV color 187.3700, -27.7904,

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

187.3700, -27.7904, 47.0335

Protanopia

185.6000, -23.4668, 13.5058

Deuteranopia

186.4560, -28.3258, 32.0491



Tritanopia

190.2880, -6.5510, 47.9824

Trichromacy



Original Color

187.3700, -27.7904, 47.0335

Protanomaly

186.2210, -25.2520, 26.1162

Deuteranomaly

186.9020, -28.0527, 37.7969

Tritanomaly

189.2250, -14.4079, 48.0377

Monochromacy



Original Color

187.3700, -27.7904, 47.0335

Achromatopsia

187.0000, 0.0000, 0.0000

Achromatomaly

187.1780, -9.9478, 17.3839

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.3700, -27.7904, 47.0335 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(241, 171, 131)` looks like.

```
.text, #text, p{  
    color:rgb(241, 171, 131)  
}
```

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(241, 171, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 171, 131) }
```

Border

The CSS property to change the border of an element to YUV 187.3700, -27.7904, 47.0335 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(241, 171, 131) }
```


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

```
.border{ border-color:rgb(241, 171, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 171, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 171, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 171, 131);  
box-shadow:4px 4px 4px 4px rgb(241, 171,  
131) }
```

Background

The CSS property to change the background color of an element to YUV 187.3700, -27.7904, 47.0335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 171, 131) }
```

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

```
.background{ background-color: rgb(241,  
171, 131) }
```

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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