

Converting Colors

YUV(188.7170, -27.4685,
37.0822)

Have a look what the booklet for
YUV(188.7170, -27.4685, 37.0822)
contains.

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Color

**YUV(188.7170, -27.4685,
37.0822)**

Conversions

Conversions Part 1

Format	Color
Hex	E7B285
RGB	231, 178, 133
RGB Percent	91%, 70%, 52%
CMY	0.0941, 0.3020, 0.4784
CMYK	0.00, 0.23, 0.42, 0.09
HSL	28°, 67%, 71%
HSV	28°, 42%, 91%
XYZ	53.1090, 50.5232, 29.1431
YIQ	188.7170, 46.0330, -2.7590

Conversions

Conversions Part 2

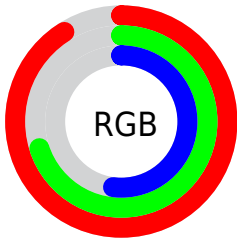
Format	Color
R _Y B	231, 216, 133
Decimal	15184517
CIE Lab	76.39, 13.60, 30.40
CIE LCh	76, 33.303, 65.905
Yxy	50.5232, 0.4000, 0.3805
Android (android.graphics.Color)	4293374597 (0xFFE7B285)
YUV	188.7170, -27.4685, 37.0822
Hunter-Lab	71.0797, 8.9816, 25.4465

Details

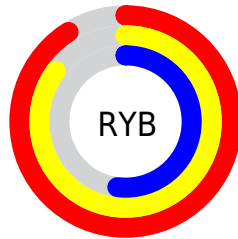
The YUV color $188.7170, -27.4685, 37.0822$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $175.2830, 27.4685, -37.0822$, and the grayscale version is $189.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $234.9210, -23.6251, 17.6093$, and $134.5640, -25.4211, 33.7084$ is the 20% darker color. If you saturate the color by 10%, you get $179.0510, -34.0421, 45.5593$, and if you desaturate by 10%, it is $198.3830, -20.8948, 28.6051$.

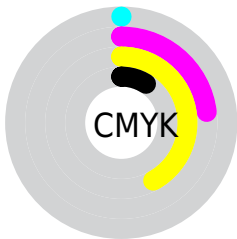
Distribution



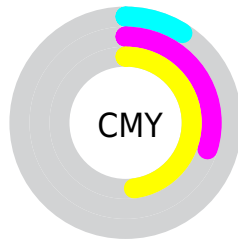
- Red (91%)
- Green (70%)
- Blue (52%)



- Red (91%)
- Yellow (85%)
- Blue (52%)



- Cyan (0%)
- Magenta (23%)
- Yellow (42%)
- Black (9%)



- Cyan (9%)
- Magenta (30%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.7170, -27.4685, 37.0822 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 188.7170, -27.4685, 37.0822 by changing the saturation by 10% instead.

188.7170,
-27.4685, 37.0822

188.7170,
-27.4685, 37.0822

255.0000, 0.0000,
0.0000

161.2330,
-26.7369, 35.7527

234.9210,
-23.6251, 17.6093

134.5640,
-25.4211, 33.7084

250.3260,
-17.9087, 4.0991

108.7810,
-24.5420, 31.7641

253.6320, -5.2416,
1.1997

83.9980, -23.6630,
29.8198

60.2150, -22.7840,
27.8754

38.5180, -18.9894,
24.1017

18.7160, -9.2270,

19.5431

■ 0.0000, 0.0000,
0.0000

■ 188.7170,
-27.4685, 37.0822

■ 188.7170,
-27.4685, 37.0822

■ 179.0510,
-34.0421, 45.5593

■ 198.3830,
-20.8948, 28.6051

■ 168.7980,
-40.3264, 54.5512

■ 208.6360,
-14.6105, 19.6132

■ 159.1320,
-46.9001, 63.0282

■ 218.3020, -8.0369,
11.1361

■ 148.8790,
-53.1843, 72.0201

■ 228.5550, -1.7526,
2.1443

■ 139.2130,
-59.7580, 80.4972

■ 238.3350, 5.2578,
-6.4328

■ 131.2910,
-64.7265, 87.4448

■ 246.6500, 4.1166,
-13.7250

■ 247.8240, 3.5378,
-14.7546

Harmonies

Analogous

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



190.6120, -18.0497, 49.4523



188.7170, -27.4685, 37.0822



185.8300, -29.0032, 15.9351

Triad

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



188.7170, -27.4685, 37.0822



172.6500, 10.5256, -62.8370



191.7170, 22.8175, 8.1412

Complementary

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



188.7170, -27.4685, 37.0822



175.2830, 27.4685, -37.0822

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.



186.2720, 30.9249, -25.6715



188.7170, -27.4685, 37.0822



171.1830, 25.5458, -73.8285

Square

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



188.7170, -27.4685, 37.0822



177.6950, -7.7376, -38.3205



177.5300, 32.7697, -57.4698



193.2660, 10.2219, 34.8467

Rectangle

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



188.7170, -27.4685, 37.0822



183.9310, -25.6020, -1.6935



177.5300, 32.7697, -57.4698



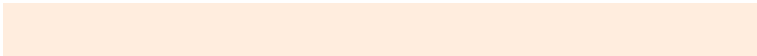
190.5630, 26.3444, -3.1248

Sweetspot

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



188.7170, -27.4685, 37.0822



240.6720, -9.2053, 12.5657



168.4580, 9.1412, 54.8493



118.5620, -5.7001, 8.2771



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.



188.7170, -27.4685, 37.0822



199.0900, -36.5264, 49.0331



216.8930, -41.3592, 12.3718



110.1100, -3.5052, 4.2885



101.6550, -50.1159, 67.8316



28.7500, -14.1738, 19.5132

Inverse Universe

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



175.2830, 27.4685, -37.0822



180.9100, 36.5264, -49.0331



147.1070, 41.3592, -12.3718



107.8900, 3.5052, -4.2885



77.3450, 50.1159, -67.8316



22.2500, 14.1738, -19.5132

Previews

White Background



This preview shows how the YUV color 188.7170, -27.4685, 37.0822 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 188.7170, -27.4685, 37.0822 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 188.7170, -27.4685, 37.0822

Background



This preview shows how black text looks on a background with the YUV color 188.7170, -27.4685, 37.0822.



This preview shows how white text looks on a background with the YUV color 188.7170, -27.4685, 37.0822.

37.0822.

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

188.7170, -27.4685, 37.0822

Protanopia

187.3720, -24.3404, 13.7058

Deuteranopia

188.5700, -27.8890, 31.9491



Tritanopia

191.9170, -3.9031, 38.6608

Trichromacy



Original Color

188.7170, -27.4685, 37.0822

Protanomaly

187.7860, -25.5305, 22.1127

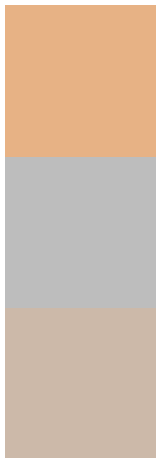
Deuteranomaly

188.5810, -27.8944, 33.6935

Tritanomaly

190.9140, -12.7756, 37.7864

Monochromacy



Original Color

188.7170, -27.4685, 37.0822

Achromatopsia

189.0000, 0.0000, 0.0000

Achromatomaly

188.8570, -9.7895, 13.2804

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.7170, -27.4685, 37.0822 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(231, 178, 133)` looks like.

```
.text, #text, p{  
    color:rgb(231, 178, 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(231, 178, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 178, 133) }
```

Border

The CSS property to change the border of an element to YUV 188.7170, -27.4685, 37.0822 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(231, 178, 133) }
```


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

```
.border{ border-color:rgb(231, 178, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 178, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 178, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 178, 133);  
box-shadow:4px 4px 4px 4px rgb(231, 178,  
133) }
```

Background

The CSS property to change the background color of an element to YUV 188.7170, -27.4685, 37.0822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 178, 133) }
```

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

```
.background{ background-color: rgb(231,  
178, 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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