

Converting Colors

YUV(187.2970, -27.2614,
17.2795)

Have a look what the booklet for
YUV(187.2970, -27.2614, 17.2795)
contains.

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Color

**YUV(187.2970, -27.2614,
17.2795)**

Conversions

Conversions Part 1

Format	Color
Hex	CFBC84
RGB	207, 188, 132
RGB Percent	81%, 74%, 52%
CMY	0.1882, 0.2627, 0.4824
CMYK	0.00, 0.09, 0.36, 0.19
HSL	45°, 44%, 66%
HSV	45°, 36%, 81%
XYZ	47.8802, 50.8978, 29.1305
YIQ	187.2970, 29.3000, -13.3880

Conversions

Conversions Part 2

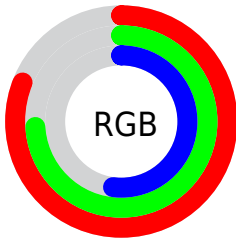
Format	Color
RYB	157, 207, 132
Decimal	13614212
CIELab	76.62, -1.37, 30.81
CIELCh	77, 30.843, 92.547
Yxy	50.8978, 0.3743, 0.3979
Android (android.graphics.Color)	4291804292 (0xFFCFBC84)
YUV	187.2970, -27.2614, 17.2795
Hunter-Lab	71.3427, -5.0530, 25.7307

Details

The YUV color $187.2970, -27.2614, 17.2795$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $151.7030, 27.2614, -17.2795$, and the grayscale version is $188.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $240.6770, -26.9558, 12.5613$, and $133.7420, -25.5088, 15.1353$ is the 20% darker color. If you saturate the color by 10%, you get $181.9680, -34.9872, 21.9531$, and if you desaturate by 10%, it is $192.6260, -19.5356, 12.6060$.

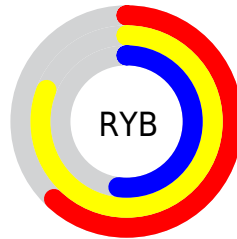
Distribution



Red (81%)

Green (74%)

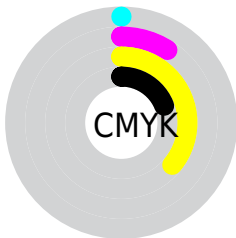
Blue (52%)



Red (62%)

Yellow (81%)

Blue (52%)

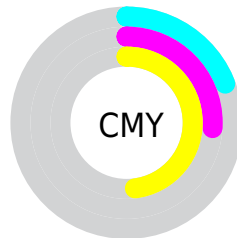


Cyan (0%)

Magenta (9%)

Yellow (36%)

Black (19%)



Cyan (19%)

Magenta (26%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.2970, -27.2614, 17.2795 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 187.2970, -27.2614, 17.2795 by changing the saturation by 10% instead.

■ 187.2970,
-27.2614, 17.2795

■ 187.2970,
-27.2614, 17.2795

255.0000, 0.0000,
0.0000

■ 160.1120,
-26.6772, 16.5648

■ 240.6770,
-26.9558, 12.5613

■ 133.7420,
-25.5088, 15.1353

■ 250.2120,
-18.3455, 4.1991

■ 108.5570,
-24.9246, 14.4205

■ 253.5180, -5.6784,
1.2997

■ 83.4860, -23.9036,
13.6058

■ 59.8880, -23.6088,
12.3762

■ 39.0170, -19.2354,
9.6321

■ 20.1010, -9.9098,

5.1734

■ 0.0000, 0.0000,
0.0000

■ 187.2970,
-27.2614, 17.2795

■ 187.2970,
-27.2614, 17.2795

■ 181.9680,
-34.9872, 21.9531

■ 192.6260,
-19.5356, 12.6060

■ 176.7530,
-42.2762, 26.5266

■ 197.8410,
-12.2466, 8.0324

■ 170.8370,
-49.7126, 31.7150

■ 203.7570, -4.8102,
2.8441

■ 165.5080,
-57.4384, 36.3885

■ 209.0860, 2.9156,
-1.8294

■ 160.2930,
-64.7274, 40.9620

■ 214.4150, 10.6414,
-6.5030

■ 154.9640,
-72.4533, 45.6356

■ 219.5160, 17.4936,
-10.9765

■ 152.8780,
-75.3689, 47.4650

■ 223.0380, 15.7573,
-14.0653

■ 225.9730, 14.3103,
-16.6393

■ 228.9080, 12.8634,
-19.2133

Harmonies

Analogous

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



189.4010, -24.8477, 36.4823



187.2970, -27.2614, 17.2795



184.2230, -21.8019, -7.2116

Triad

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



187.2970, -27.2614, 17.2795



174.6140, 21.8823, -65.4365



193.7600, 10.9643, 30.0285

Complementary

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



187.2970, -27.2614, 17.2795



151.7030, 27.2614, -17.2795

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.



191.8690, 22.2496, 3.6229



187.2970, -27.2614, 17.2795



179.3410, 29.4119, -53.7961

Square

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



187.2970, -27.2614, 17.2795



175.8960, 7.4463, -55.1598



186.8050, 29.1831, -27.0160



193.0040, -2.4670, 44.7235

Rectangle

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



187.2970, -27.2614, 17.2795



181.5890, -13.6014, -24.1956



186.8050, 29.1831, -27.0160



193.7420, 14.9172, 22.1513

Sweetspot

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



187.2970, -27.2614, 17.2795



247.6990, -10.2046, 6.4030



156.7050, -2.3196, 44.1087



123.1270, -5.9786, 4.2736



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.



187.2970, -27.2614, 17.2795



226.0240, -39.9448, 25.4120



193.0680, -30.1065, -3.5676



101.9850, -3.9366, 2.6442



124.1940, -61.2276, 38.4179



29.8690, -14.7254, 9.7619

Inverse Universe

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



151.7030, 27.2614, -17.2795



173.9760, 39.9448, -25.4120



145.9320, 30.1065, 3.5676



97.0150, 3.9366, -2.6442



44.3930, 60.9383, -38.9327



10.5440, 15.0148, -9.2471

Previews

White Background



This preview shows how the YUV color 187.2970, -27.2614, 17.2795 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 187.2970, -27.2614, 17.2795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

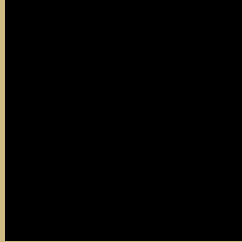
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 187.2970, -27.2614, 17.2795

Background



This preview shows how black text looks on a background with the YUV color 187.2970, -27.2614, 17.2795.



This preview shows how white text looks on a background with the YUV color 187.2970, -27.2614, 17.2795.

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

187.2970, -27.2614, 17.2795

Protanopia

186.9870, -27.1086, 14.9204

Deuteranopia

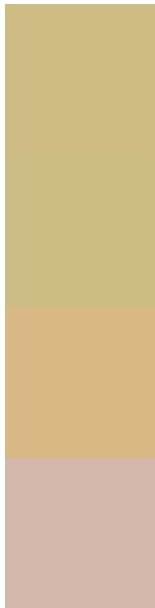
188.6840, -27.4522, 31.8491



Tritanopia

191.7620, 1.1033, 19.5027

Trichromacy



Original Color

187.2970, -27.2614, 17.2795

Protanomaly

187.2860, -27.2560, 15.5352

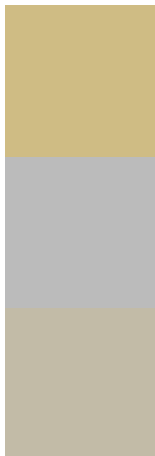
Deuteranomaly

188.3520, -27.2885, 26.0013

Tritanomaly

190.0040, -9.3690, 18.4135

Monochromacy



Original Color

187.2970, -27.2614, 17.2795

Achromatopsia

187.0000, 0.0000, 0.0000

Achromatomaly

186.8130, -9.7678, 6.3030

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.2970, -27.2614, 17.2795 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(207, 188, 132)` looks like.

```
.text, #text, p{  
    color:rgb(207, 188, 132)  
}
```

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(207, 188, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 188, 132) }
```

Border

The CSS property to change the border of an element to YUV 187.2970, -27.2614, 17.2795 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(207, 188, 132) }
```


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

```
.border{ border-color:rgb(207, 188, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 188, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 188, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 188, 132);  
box-shadow:4px 4px 4px 4px rgb(207, 188,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 187.2970, -27.2614, 17.2795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 188, 132) }
```

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

```
.background{ background-color: rgb(207,  
188, 132) }
```

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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