

Converting Colors

YUV(187.8210, -31.9568,
29.9750)

Have a look what the booklet for
YUV(187.8210, -31.9568, 29.9750)
contains.

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Color

**YUV(187.8210, -31.9568,
29.9750)**

Conversions

Conversions Part 1

Format	Color
Hex	DEB77B
RGB	222, 183, 123
RGB Percent	87%, 72%, 48%
CMY	0.1294, 0.2824, 0.5176
CMYK	0.00, 0.18, 0.45, 0.13
HSL	36°, 60%, 68%
HSV	36°, 45%, 87%
XYZ	50.6328, 50.8266, 25.8808
YIQ	187.8210, 42.5040, -10.3920

Conversions

Conversions Part 2

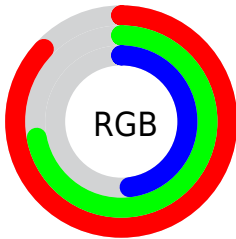
Format	Color
R_{YB}	187, 222, 123
Decimal	14595963
CIE _{Lab}	76.57, 6.30, 35.72
CIE _{LCh}	77, 36.271, 80.001
Yxy	50.8266, 0.3976, 0.3991
Android (android.graphics.Color)	4292786043 (0xFFDEB77B)
YUV	187.8210, -31.9568, 29.9750
Hunter-Lab	71.2928, 2.0100, 28.3814

Details

The YUV color **187.8210, -31.9568, 29.9750** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **157.1790, 31.9568, -29.9750**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.6020, -29.8768, 16.1350**, and **133.9670, -30.0567, 27.2159** is the 20% darker color. If you saturate the color by 10%, you get **180.0300, -38.9618, 36.8077**, and if you desaturate by 10%, it is **195.6120, -24.9517, 23.1423**.

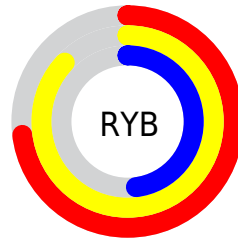
Distribution



Red (87%)

Green (72%)

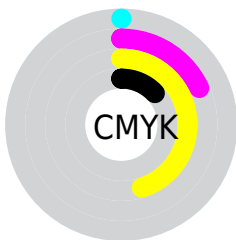
Blue (48%)



Red (73%)

Yellow (87%)

Blue (48%)

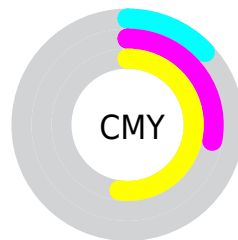


Cyan (0%)

Magenta (18%)

Yellow (45%)

Black (13%)



Cyan (13%)

Magenta (28%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.8210, -31.9568, 29.9750 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 187.8210, -31.9568, 29.9750 by changing the saturation by 10% instead.

■ 187.8210,
-31.9568, 29.9750

■ 187.8210,
-31.9568, 29.9750

255.0000, 0.0000,
0.0000

■ 160.4510,
-30.7883, 28.5455

■ 236.6020,
-29.8768, 16.1350

■ 133.9670,
-30.0567, 27.2159

■ 249.1860,
-22.2767, 5.0989

■ 108.1840,
-29.1777, 25.2716

■ 252.3780,
-10.0464, 2.2995

■ 83.4010, -28.2987,
23.3273

■ 59.2760, -28.7301,
21.6829

■ 39.3600, -19.4045,
17.2243

■ 20.1450, -9.9315,

12.1508

■ 0.0000, 0.0000,
0.0000

■ 187.8210,
-31.9568, 29.9750

■ 187.8210,
-31.9568, 29.9750

■ 180.0300,
-38.9618, 36.8077

■ 195.6120,
-24.9517, 23.1423

■ 172.8260,
-46.2562, 43.1256

■ 202.8160,
-17.6573, 16.8244

■ 164.9210,
-53.6981, 50.0583

■ 210.7210,
-10.2155, 9.8917

■ 157.1300,
-60.7031, 56.8910

■ 218.5120, -3.2104,
3.0590

■ 149.3390,
-67.7081, 63.7237

■ 226.3030, 3.7946,
-3.7737

■ 145.6230,
-71.7921, 66.9826

■ 233.3930, 10.6523,
-9.9917

■ 238.6760, 8.0477,
-14.6249

■ 243.9590, 5.4432,
-19.2580

■ 245.1330, 4.8644,
-20.2876

Harmonies

Analogous

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



190.3640, -25.3225, 48.7928



187.8210, -31.9568, 29.9750



184.6390, -29.4020, 3.8246

Triad

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



187.8210, -31.9568, 29.9750



167.9880, 21.2049, -81.5505



193.1920, 19.1323, 23.5106

Complementary

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



187.8210, -31.9568, 29.9750



157.1790, 31.9568, -29.9750

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.



189.6590, 30.7341, -11.1019



187.8210, -31.9568, 29.9750



170.0280, 34.0032, -79.8316

Square

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



187.8210, -31.9568, 29.9750



173.8760, 1.0471, -56.0193



181.3830, 35.8002, -49.4479



193.7360, 4.0742, 46.7125

Rectangle

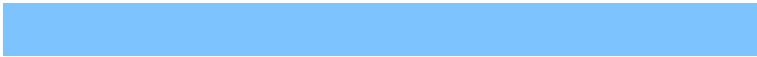
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



187.8210, -31.9568, 29.9750



182.0540, -22.2116, -15.8334



181.3830, 35.8002, -49.4479



192.8640, 23.2380, 13.2743

Sweetspot

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



187.8210, -31.9568, 29.9750



243.6070, -10.6523, 9.9917



157.1610, 2.8786, 56.8638



120.3230, -6.5682, 6.7327



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.



187.8210, -31.9568, 29.9750



207.5700, -44.6510, 41.5961



207.7240, -41.7689, 3.7501



108.3980, -3.6472, 3.1590



115.4330, -56.9085, 53.1173



31.3750, -15.4679, 14.5801

Inverse Universe

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



157.1790, 31.9568, -29.9750



165.0170, 44.3616, -42.1109



137.2760, 41.7689, -3.7501



104.6020, 3.6472, -3.1590



60.5670, 56.9085, -53.1173



16.6250, 15.4679, -14.5801

Previews

White Background



This preview shows how the YUV color 187.8210, -31.9568, 29.9750 looks on a white background.

Color Contrast Check

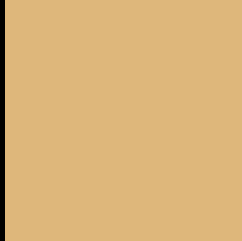
Large Text (above 18pt) WCAG AA × Fail

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 187.8210, -31.9568, 29.9750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

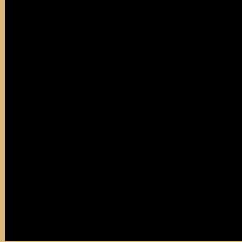
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 187.8210, -31.9568, 29.9750

Background



This preview shows how black text looks on a background with the YUV color 187.8210, -31.9568, 29.9750.



This preview shows how white text looks on a background with the YUV color 187.8210, -31.9568, 29.9750.

29.9750.

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

187.8210, -31.9568, 29.9750

Protanopia

186.4880, -30.3136, 16.2350

Deuteranopia

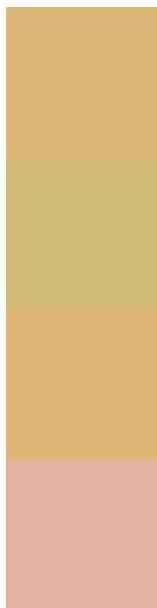
188.1420, -32.1150, 34.0785



Tritanopia

192.3290, -2.1342, 31.2835

Trichromacy



Original Color

187.8210, -31.9568, 29.9750

Protanomaly

186.9940, -31.0560, 21.0533

Deuteranomaly

188.1310, -32.1096, 32.3341

Tritanomaly

190.7560, -13.1907, 30.9090

Monochromacy



Original Color

187.8210, -31.9568, 29.9750

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

187.6780, -11.6733, 10.8064

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.8210, -31.9568, 29.9750 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(222, 183, 123)` looks like.

```
.text, #text, p{  
    color:rgb(222, 183, 123)  
}
```

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(222, 183, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 183, 123) }
```

Border

The CSS property to change the border of an element to YUV 187.8210, -31.9568, 29.9750 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(222, 183, 123) }
```


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

```
.border{ border-color:rgb(222, 183, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 183, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 183, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 183, 123);  
box-shadow:4px 4px 4px 4px rgb(222, 183,  
123) }
```

Background

The CSS property to change the background color of an element to YUV 187.8210, -31.9568, 29.9750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 183, 123) }
```

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

```
.background{ background-color: rgb(222,  
183, 123) }
```

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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