

Converting Colors

YUV(193.4460, -29.7999,
38.1969)

Have a look what the booklet for
YUV(193.4460, -29.7999, 38.1969)
contains.

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Color

**YUV(193.4460, -29.7999,
38.1969)**

Conversions

Conversions Part 1

Format	Color
Hex	EDB785
RGB	237, 183, 133
RGB Percent	93%, 72%, 52%
CMY	0.0706, 0.2824, 0.4784
CMYK	0.00, 0.23, 0.44, 0.07
HSL	29°, 74%, 73%
HSV	29°, 44%, 93%
XYZ	56.0922, 53.5650, 29.5730
YIQ	193.4460, 48.2340, -4.1020

Conversions

Conversions Part 2

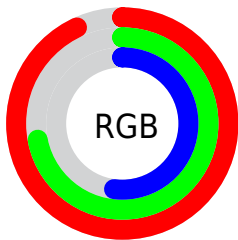
Format	Color
R _Y B	237, 229, 133
Decimal	15579013
CIE Lab	78.21, 13.33, 32.91
CIE LCh	78, 35.503, 67.947
Yxy	53.5650, 0.4029, 0.3847
Android (android.graphics.Color)	4293769093 (0xFFEDB785)
YUV	193.4460, -29.7999, 38.1969
Hunter-Lab	73.1881, 8.7253, 27.2744

Details

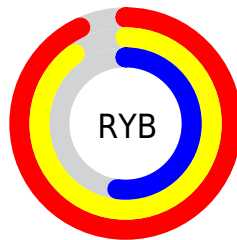
The YUV color $193.4460, -29.7999, 38.1969$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $176.5540, 29.7999, -38.1969$, and the grayscale version is $194.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $237.8560, -25.0720, 15.0353$, and $139.2930, -27.7524, 34.8230$ is the 20% darker color. If you saturate the color by 10%, you get $183.6660, -36.8103, 46.7739$, and if you desaturate by 10%, it is $203.2260, -22.7894, 29.6198$.

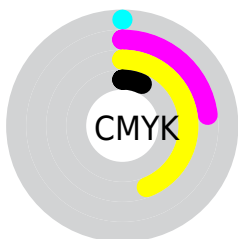
Distribution



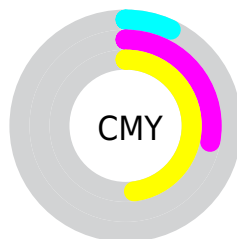
- Red (93%)
- Green (72%)
- Blue (52%)



- Red (93%)
- Yellow (90%)
- Blue (52%)



- Cyan (0%)
- Magenta (23%)
- Yellow (44%)
- Black (7%)



- Cyan (7%)
- Magenta (28%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.4460, -29.7999, 38.1969 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 193.4460, -29.7999, 38.1969 by changing the saturation by 10% instead.

193.4460,
-29.7999, 38.1969

193.4460,
-29.7999, 38.1969

255.0000, 0.0000,
0.0000

165.9620,
-29.0683, 36.8673

237.8560,
-25.0720, 15.0353

139.2930,
-27.7524, 34.8230

250.4400,
-17.4719, 3.9991

113.5100,
-26.8734, 32.8787

253.6320, -5.2416,
1.1997

88.4280, -25.8470,
30.3196

64.2320, -25.2574,
27.8605

42.3610, -20.8840,
25.1164

22.8470, -11.2636,

19.4282

■ 4.1860, -2.0637,
8.6069

■ 0.0000, 0.0000,
0.0000

■ 193.4460,
-29.7999, 38.1969

■ 193.4460,
-29.7999, 38.1969

■ 183.6660,
-36.8103, 46.7739

■ 203.2260,
-22.7894, 29.6198

■ 173.4130,
-43.0946, 55.7658

■ 213.4790,
-16.5051, 20.6279

■ 163.6330,
-50.1051, 64.3429

■ 223.2590, -9.4947,
12.0509

■ 153.8530,
-57.1155, 72.9199

■ 233.0390, -2.4842,
3.4738

■ 143.6000,
-63.3998, 81.9118

■ 243.2920, 3.8000,
-5.5181

■ 137.7810,
-67.9260, 87.0151

■ 249.6180, 2.6533,
-11.0660

Harmonies

Analogous

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



195.3520, -20.3865, 52.3113



193.4460, -29.7999, 38.1969



190.6620, -30.8924, 15.2054

Triad

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



193.4460, -29.7999, 38.1969



176.0620, 12.2944, -70.2144



197.2550, 23.5383, 10.3004

Complementary

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



193.4460, -29.7999, 38.1969



176.5540, 29.7999, -38.1969

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.



191.3860, 31.3617, -25.7715



193.4460, -29.7999, 38.1969



174.3500, 28.9144, -80.9910

Square

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



193.4460, -29.7999, 38.1969



181.3030, -6.5584, -43.2387



182.1920, 35.4013, -61.5584



198.5870, 10.0636, 38.9502

Rectangle

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



193.4460, -29.7999, 38.1969



188.2790, -26.7595, -3.7527



182.1920, 35.4013, -61.5584



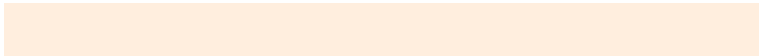
196.2150, 27.5020, -1.0656

Sweetspot

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



193.4460, -29.7999, 38.1969



241.2590, -9.4947, 12.0509



170.3660, 8.6936, 58.4380



119.1490, -5.9895, 7.7623



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.



193.4460, -29.7999, 38.1969



198.5200, -38.7104, 49.5330



223.3830, -44.5588, 11.9421



112.2240, -3.0684, 4.1886



105.1880, -51.8577, 66.4871



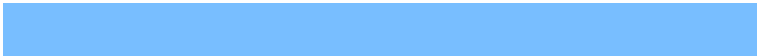
31.4080, -15.4841, 19.8132

Inverse Universe

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



176.5540, 29.7999, -38.1969



176.4800, 38.7104, -49.5330



146.6170, 44.5588, -11.9421



110.7760, 3.0684, -4.1886



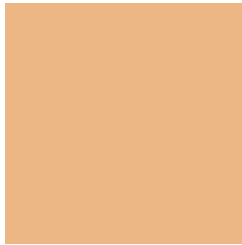
75.8120, 51.8577, -66.4871



22.5920, 15.4841, -19.8132

Previews

White Background



This preview shows how the YUV color 193.4460, -29.7999, 38.1969 looks on a white background.

Color Contrast Check

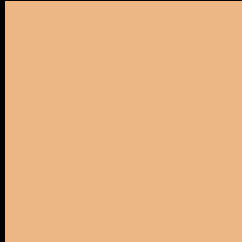
Large Text (above 18pt) WCAG AA × Fail

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 193.4460, -29.7999, 38.1969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

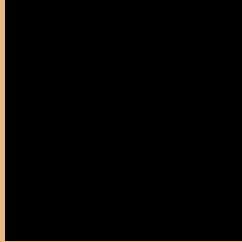
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 193.4460, -29.7999, 38.1969

Background



This preview shows how black text looks on a background with the YUV color 193.4460, -29.7999, 38.1969.



This preview shows how white text looks on a background with the YUV color 193.4460, -29.7999,

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

193.4460, -29.7999, 38.1969

Protanopia

191.9870, -27.1086, 14.9204

Deuteranopia

192.8260, -29.4942, 33.4786



Tritanopia

197.2160, -4.0505, 39.2756

Trichromacy



Original Color

193.4460, -29.7999, 38.1969

Protanomaly

192.5150, -27.8619, 23.2273

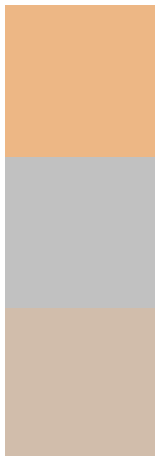
Deuteranomaly

192.8370, -29.4996, 35.2230

Tritanomaly

196.0990, -13.3598, 38.5012

Monochromacy



Original Color

193.4460, -29.7999, 38.1969

Achromatopsia

193.0000, 0.0000, 0.0000

Achromatomaly

192.9280, -10.8105, 14.0951

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.4460, -29.7999, 38.1969 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(237, 183, 133)` looks like.

```
.text, #text, p{  
    color:rgb(237, 183, 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(237, 183, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 183, 133) }
```

Border

The CSS property to change the border of an element to YUV 193.4460, -29.7999, 38.1969 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(237, 183, 133) }
```


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

```
.border{ border-color:rgb(237, 183, 133) }
```

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

Here you see how a box with a 4 pixel rgb(237, 183, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 183, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 183, 133);  
box-shadow:4px 4px 4px 4px rgb(237, 183,  
133) }
```

Background

The CSS property to change the background color of an element to YUV 193.4460, -29.7999, 38.1969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 183, 133) }
```

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

```
.background{ background-color: rgb(237,  
183, 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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