

Converting Colors

YUV(216.7990, -15.1839,
16.8393)

Have a look what the booklet for
YUV(216.7990, -15.1839, 16.8393)
contains.

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Color

**YUV(216.7990, -15.1839,
16.8393)**

Conversions

Conversions Part 1

Format	Color
Hex	ECD5BA
RGB	236, 213, 186
RGB Percent	93%, 84%, 73%
CMY	0.0745, 0.1647, 0.2706
CMYK	0.00, 0.10, 0.21, 0.07
HSL	32°, 57%, 83%
HSV	32°, 21%, 93%
XYZ	67.2492, 68.9665, 56.2218
YIQ	216.7990, 22.3750, -3.5210

Conversions

Conversions Part 2

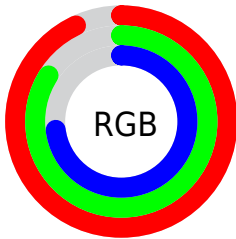
Format	Color
R _Y B	229, 236, 186
Decimal	15521210
CIE Lab	86.49, 3.78, 16.25
CIE LCh	86, 16.685, 76.895
Yxy	68.9665, 0.3495, 0.3584
Android (android.graphics.Color)	4293711290 (0xFFECD5BA)
YUV	216.7990, -15.1839, 16.8393
Hunter-Lab	83.0461, -0.7845, 17.9932

Details

The YUV color $216.7990, -15.1839, 16.8393$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $205.2010, 15.1839, -16.8393$, and the grayscale version is $217.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.5180, -5.6784, 1.2997$, and $161.7280, -14.1629, 16.0245$ is the 20% darker color. If you saturate the color by 10%, you get $207.6060, -22.4838, 24.9015$, and if you desaturate by 10%, it is $225.9920, -7.8841, 8.7770$.

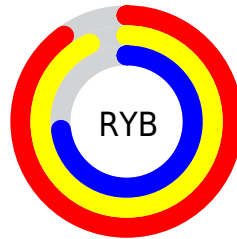
Distribution



Red (93%)

Green (84%)

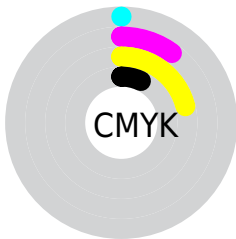
Blue (73%)



Red (90%)

Yellow (93%)

Blue (73%)

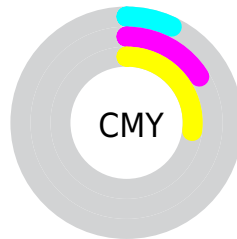


Cyan (0%)

Magenta (10%)

Yellow (21%)

Black (7%)



Cyan (7%)

Magenta (16%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.7990, -15.1839, 16.8393 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 216.7990, -15.1839, 16.8393 by changing the saturation by 10% instead.

■ 216.7990,
-15.1839, 16.8393

■ 216.7990,
-15.1839, 16.8393

255.0000, 0.0000,
0.0000

■ 188.9130,
-14.7471, 16.7393

■ 253.5180, -5.6784,
1.2997

■ 161.7280,
-14.1629, 16.0245

■ 135.5430,
-13.5787, 15.3098

■ 109.9450,
-13.2839, 14.0802

■ 85.7600, -12.6997,
13.3655

■ 62.2760, -11.9681,
12.0359

■ 40.0910, -11.3839,

11.3212

■ 20.1340, -9.9261,
10.4065

■ 0.0000, 0.0000,
0.0000

■ 216.7990,
-15.1839, 16.8393

■ 216.7990,
-15.1839, 16.8393

■ 207.6060,
-22.4838, 24.9015

■ 225.9920, -7.8841,
8.7770

■ 198.5270,
-29.3468, 32.8638

■ 235.0710, -1.0210,
0.8147

■ 189.3340,
-36.6467, 40.9261

■ 244.0360, 5.4053,
-7.0476

■ 180.8420,
-43.7991, 48.3736

■ 249.3190, 2.8007,
-11.6808

■ 171.6490,
-51.0990, 56.4358

■ 162.4560,
-58.3988, 64.4981

■ 153.3770,
-65.2619, 72.4604

■ 145.1130,
-71.5407, 79.7079

Harmonies

Analogous

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



218.0650, -11.8640, 25.3760



216.7990, -15.1839, 16.8393



214.9500, -14.2723, 4.4289

Triad

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



216.7990, -15.1839, 16.8393



210.9360, 6.9336, -30.6389



219.1720, 9.2822, 9.4962

Complementary

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



216.7990, -15.1839, 16.8393



205.2010, 15.1839, -16.8393

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.



217.4520, 14.5672, -5.6584



216.7990, -15.1839, 16.8393



211.9560, 13.3327, -29.7794

Square

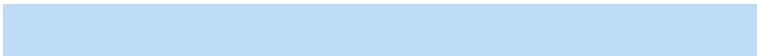
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



216.7990, -15.1839, 16.8393



211.2160, -1.0925, -22.9914



214.4070, 16.0683, -20.5279



219.4140, 2.2609, 21.5619

Rectangle

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



216.7990, -15.1839, 16.8393



213.3940, -11.0402, -5.6075



214.4070, 16.0683, -20.5279



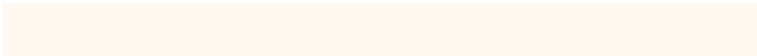
218.4210, 11.6244, 4.8928

Sweetspot

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



216.7990, -15.1839, 16.8393



249.1810, -4.5262, 5.1033



203.5720, 2.6760, 28.4394



124.0390, -2.4842, 3.4738



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.



216.7990, -15.1839, 16.8393



230.6810, -19.5627, 21.3278



229.7020, -21.5451, 3.7693



112.8110, -3.3578, 3.6738



111.6450, -55.0410, 60.8243



33.1690, -16.3523, 18.2688

Inverse Universe

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



205.2010, 15.1839, -16.8393



215.9060, 19.2733, -21.8426



192.2980, 21.5451, -3.7693



110.1890, 3.3578, -3.6738



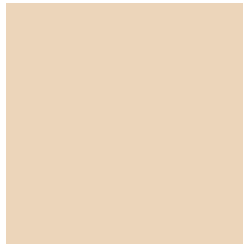
69.3550, 55.0410, -60.8243



20.8310, 16.3523, -18.2688

Previews

White Background



This preview shows how the YUV color 216.7990, -15.1839, 16.8393 looks on a white background.

Color Contrast Check

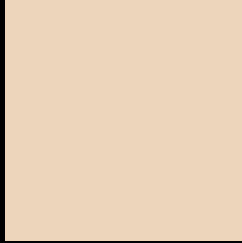
Large Text (above 18pt) WCAG AA × Fail

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 216.7990, -15.1839, 16.8393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

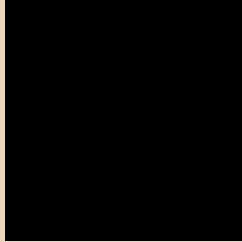
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 216.7990, -15.1839, 16.8393

Background



This preview shows how black text looks on a background with the YUV color 216.7990, -15.1839, 16.8393.



This preview shows how white text looks on a background with the YUV color 216.7990, -15.1839, 16.8393.

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

216.7990, -15.1839, 16.8393

Protanopia

215.9830, -14.2886, 9.6619

Deuteranopia

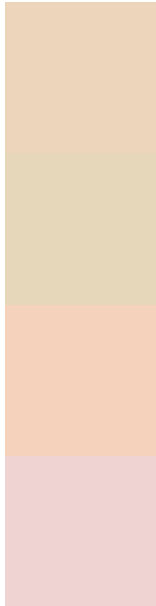
217.5660, -15.0690, 26.6906



Tritanopia

219.6910, 2.1243, 18.6880

Trichromacy



Original Color

216.7990, -15.1839, 16.8393

Protanomaly

216.2930, -14.4414, 12.0210

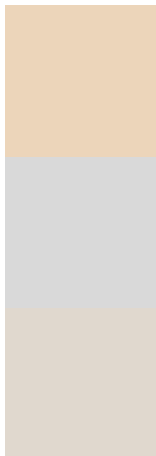
Deuteranomaly

217.5440, -15.0582, 23.2019

Tritanomaly

218.6710, -4.2748, 17.8285

Monochromacy



Original Color

216.7990, -15.1839, 16.8393

Achromatopsia

217.0000, 0.0000, 0.0000

Achromatomaly

217.2520, -5.5472, 5.9180

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.7990, -15.1839, 16.8393 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(236, 213, 186)` looks like.

```
.text, #text, p{  
    color:rgb(236, 213, 186)  
}
```

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(236, 213, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 213, 186) }
```

Border

The CSS property to change the border of an element to YUV 216.7990, -15.1839, 16.8393 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(236, 213, 186) }
```


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

```
.border{ border-color:rgb(236, 213, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 213, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 213, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 213, 186);  
box-shadow:4px 4px 4px 4px rgb(236, 213,  
186) }
```

Background

The CSS property to change the background color of an element to YUV 216.7990, -15.1839, 16.8393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 213, 186) }
```

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

```
.background{ background-color: rgb(236,  
213, 186) }
```

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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