

Converting Colors

YUV(215.4740, -18.9677,
17.1243)

Have a look what the booklet for
YUV(215.4740, -18.9677, 17.1243)
contains.

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Color

**YUV(215.4740, -18.9677,
17.1243)**

Conversions

Conversions Part 1

Format	Color
Hex	EBD5B1
RGB	235, 213, 177
RGB Percent	92%, 84%, 69%
CMY	0.0784, 0.1647, 0.3059
CMYK	0.00, 0.09, 0.25, 0.08
HSL	37°, 59%, 81%
HSV	37°, 25%, 92%
XYZ	65.9910, 68.4250, 51.3242
YIQ	215.4740, 24.6680, -6.5320

Conversions

Conversions Part 2

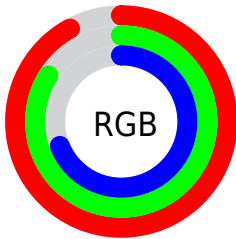
Format	Color
R _Y B	212, 235, 177
Decimal	15455665
CIE Lab	86.22, 2.15, 20.59
CIE LCh	86, 20.700, 84.048
Yxy	68.4250, 0.3553, 0.3684
Android (android.graphics.Color)	4293645745 (0xFFEBD5B1)
YUV	215.4740, -18.9677, 17.1243
Hunter-Lab	82.7194, -2.3571, 21.1164

Details

The YUV color $215.4740, -18.9677, 17.1243$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $196.5260, 18.9677, -17.1243$, and the grayscale version is $216.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.4920, -9.6096, 2.1995$, and $160.4030, -17.9467, 16.3096$ is the 20% darker color. If you saturate the color by 10%, you get $207.5690, -26.4095, 24.0570$, and if you desaturate by 10%, it is $223.4930, -11.0890, 10.0916$.

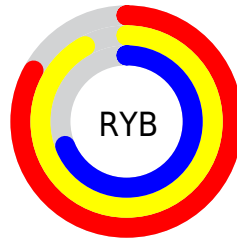
Distribution



Red (92%)

Green (84%)

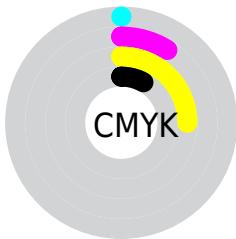
Blue (69%)



Red (83%)

Yellow (92%)

Blue (69%)

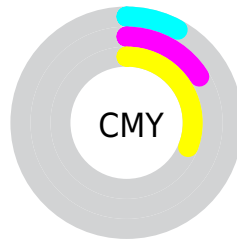


Cyan (0%)

Magenta (9%)

Yellow (25%)

Black (8%)



Cyan (8%)

Magenta (16%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 215.4740, -18.9677, 17.1243 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 215.4740, -18.9677, 17.1243 by changing the saturation by 10% instead.

■ 215.4740,
-18.9677, 17.1243

■ 215.4740,
-18.9677, 17.1243

255.0000, 0.0000,
0.0000

■ 187.2890,
-18.3835, 16.4095

■ 252.4920, -9.6096,
2.1995

■ 160.4030,
-17.9467, 16.3096

■ 133.9190,
-17.2151, 14.9800

■ 108.7340,
-16.6309, 14.2653

■ 84.5490, -16.0467,
13.5505

■ 61.0650, -15.3150,
12.2210

■ 38.3530, -15.4570,

11.0914

■ 19.2370, -9.4838,
8.5622

■ 0.0000, 0.0000,
0.0000

■ 215.4740,
-18.9677, 17.1243

■ 215.4740,
-18.9677, 17.1243

■ 207.5690,
-26.4095, 24.0570

■ 223.4930,
-11.0890, 10.0916

■ 199.5500,
-34.2881, 31.0897

■ 231.3980, -3.6472,
3.1590

■ 191.6450,
-41.7300, 38.0223

■ 239.4170, 4.2314,
-3.8737

■ 183.6260,
-49.6086, 45.0550

■ 245.4980, 4.6845,
-9.2067

■ 175.7210,
-57.0505, 51.9877

■ 249.0200, 2.9481,
-12.2955

■ 168.2890,
-65.2185, 58.5055

■ 160.3840,
-72.6603, 65.4382

■ 155.9670,
-76.8917, 69.3119

Harmonies

Analogous

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



217.3490, -15.9481, 28.6349



215.4740, -18.9677, 17.1243



213.0590, -16.2981, 0.8253

Triad

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



215.4740, -18.9677, 17.1243



208.3200, 11.1812, -39.7456



219.3300, 9.6973, 16.3736

Complementary

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



215.4740, -18.9677, 17.1243



196.5260, 18.9677, -17.1243

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.



217.0440, 16.7403, -2.6696



215.4740, -18.9677, 17.1243



210.1770, 18.1537, -36.1122

Square

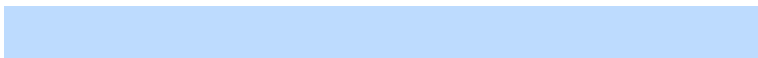
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



215.4740, -18.9677, 17.1243



209.0300, 0.9712, -31.5983



214.0200, 19.7101, -21.9425



219.3010, 0.3446, 29.5540

Rectangle

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



215.4740, -18.9677, 17.1243



211.7200, -12.1870, -11.1554



214.0200, 19.7101, -21.9425



218.9810, 12.3344, 10.5407

Sweetspot

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



215.4740, -18.9677, 17.1243



248.8390, -5.8366, 5.4032



196.8500, 1.0600, 33.4576



124.3980, -3.6472, 3.1590



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.



215.4740, -18.9677, 17.1243



229.3130, -24.8043, 22.5275



226.2950, -24.3024, 1.4953



113.3980, -3.6472, 3.1590



119.8630, -59.0925, 53.6171



35.5170, -17.5099, 16.2096

Inverse Universe

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



196.5260, 18.9677, -17.1243



204.6870, 24.8043, -22.5275



185.7050, 24.3024, -1.4953



109.6020, 3.6472, -3.1590



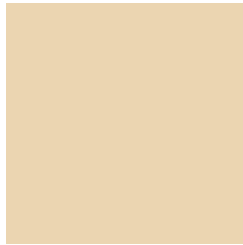
61.1370, 59.0925, -53.6171



17.8960, 17.7993, -15.6948

Previews

White Background



This preview shows how the YUV color 215.4740, -18.9677, 17.1243 looks on a white background.

Color Contrast Check

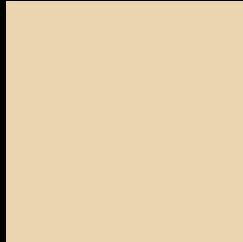
Large Text (above 18pt) WCAG AA × Fail

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 215.4740, -18.9677, 17.1243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

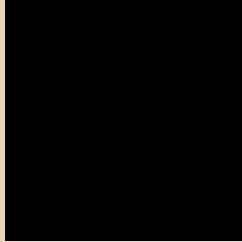
Any Text WCAG AA ✓ Pass

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 215.4740, -18.9677, 17.1243 Background



This preview shows how black text looks on a background with the YUV color 215.4740, -18.9677, 17.1243.



This preview shows how white text looks on a background with the YUV color 215.4740, -18.9677, 17.1243.

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

215.4740, -18.9677, 17.1243

Protanopia

214.6690, -18.0778, 11.6913

Deuteranopia

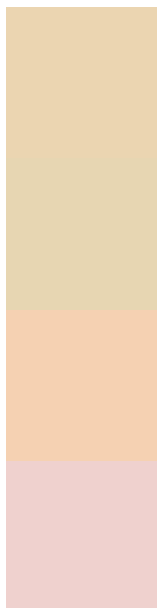
216.5510, -19.0056, 29.3348



Tritanopia

218.9900, 1.9769, 19.3028

Trichromacy



Original Color

215.4740, -18.9677, 17.1243

Protanomaly

214.9790, -18.2306, 14.0504

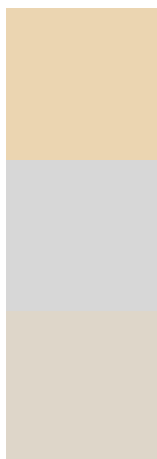
Deuteranomaly

216.2300, -18.8474, 25.2313

Tritanomaly

217.6280, -5.7326, 18.7432

Monochromacy



Original Color

215.4740, -18.9677, 17.1243

Achromatopsia

215.0000, 0.0000, 0.0000

Achromatomaly

214.9100, -6.8576, 6.2179

CSS Examples

Text

The CSS property to change the color of the text to YUV 215.4740, -18.9677, 17.1243 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(235, 213, 177)` looks like.

```
.text, #text, p{  
    color:rgb(235, 213, 177)  
}
```

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(235, 213, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 213, 177) }
```

Border

The CSS property to change the border of an element to YUV 215.4740, -18.9677, 17.1243 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(235, 213, 177) }
```


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

```
.border{ border-color:rgb(235, 213, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 213, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 213, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 213, 177);  
box-shadow:4px 4px 4px 4px rgb(235, 213,  
177) }
```

Background

The CSS property to change the background color of an element to YUV 215.4740, -18.9677, 17.1243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 213, 177) }
```

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

```
.background{ background-color: rgb(235,  
213, 177) }
```

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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