

Converting Colors

YUV(217.7550, -15.1622,
9.8619)

Have a look what the booklet for
YUV(217.7550, -15.1622, 9.8619)
contains.

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Color

**YUV(217.7550, -15.1622,
9.8619)**

Conversions

Conversions Part 1

Format	Color
Hex	E5DABB
RGB	229, 218, 187
RGB Percent	90%, 85%, 73%
CMY	0.1020, 0.1451, 0.2667
CMYK	0.00, 0.05, 0.18, 0.10
HSL	44°, 45%, 82%
HSV	44°, 18%, 90%
XYZ	66.3541, 70.3887, 57.1028
YIQ	217.7550, 16.5070, -7.3090

Conversions

Conversions Part 2

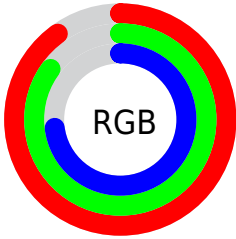
Format	Color
RYB	202, 229, 187
Decimal	15063739
CIELab	87.19, -1.22, 16.62
CIElCh	87, 16.668, 94.191
Yxy	70.3887, 0.3423, 0.3631
Android (android.graphics.Color)	4293253819 (0xFFE5DABB)
YUV	217.7550, -15.1622, 9.8619
Hunter-Lab	83.8980, -5.6474, 18.3745

Details

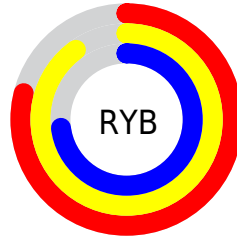
The YUV color $217.7550, -15.1622, 9.8619$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $198.2450, 15.1622, -9.8619$, and the grayscale version is $218.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.6320, -5.2416, 1.1997$, and $162.6840, -14.1412, 9.0471$ is the 20% darker color. If you saturate the color by 10%, you get $211.6110, -23.4722, 15.2502$, and if you desaturate by 10%, it is $223.8990, -6.8522, 4.4736$.

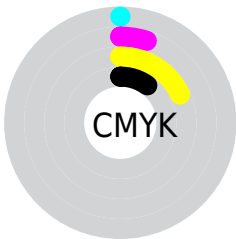
Distribution



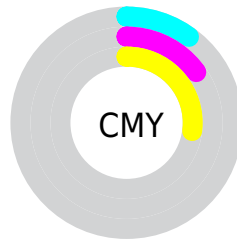
- Red (90%)
- Green (85%)
- Blue (73%)



- Red (79%)
- Yellow (90%)
- Blue (73%)



- Cyan (0%)
- Magenta (5%)
- Yellow (18%)
- Black (10%)



- Cyan (10%)
- Magenta (15%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.7550, -15.1622, 9.8619 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 217.7550, -15.1622, 9.8619 by changing the saturation by 10% instead.

■ 217.7550,
-15.1622, 9.8619

■ 217.7550,
-15.1622, 9.8619

255.0000, 0.0000,
0.0000

■ 189.8690,
-14.7254, 9.7619

■ 253.6320, -5.2416,
1.1997

■ 162.6840,
-14.1412, 9.0471

■ 136.3850,
-13.9938, 8.4324

■ 111.2000,
-13.4096, 7.7176

■ 86.4280, -12.5360,
7.5176

■ 63.2430, -11.9518,
6.8029

■ 41.0580, -11.3676,

6.0881

■ 21.2860, -10.4940,
5.8882

■ 0.0000, 0.0000,
0.0000

■ 217.7550,
-15.1622, 9.8619

■ 217.7550,
-15.1622, 9.8619

■ 211.6110,
-23.4722, 15.2502

■ 223.8990, -6.8522,
4.4736

■ 205.4670,
-31.7822, 20.6384

■ 230.0430, 1.4578,
-0.9147

■ 199.3230,
-40.0922, 26.0267

■ 236.0730, 9.3310,
-6.2030

■ 193.1790,
-48.4022, 31.4150

■ 239.5950, 7.5947,
-9.2918

■ 187.0350,
-56.7123, 36.8033

■ 243.1170, 5.8583,
-12.3806

■ 181.0050,
-64.5855, 42.0916

■ 246.6390, 4.1220,
-15.4694

■ 174.8610,
-72.8955, 47.4799

■ 247.2260, 3.8326,
-15.9842

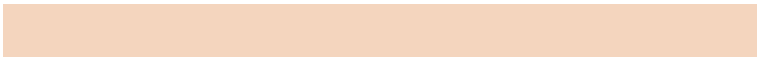
■ 168.7170,
-81.2055, 52.8682

■ 167.6740,
-82.6633, 53.7829

Harmonies

Analogous

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



219.6470, -14.6160, 21.3576



217.7550, -15.1622, 9.8619



215.8780, -11.7719, -4.2780

Triad

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



217.7550, -15.1622, 9.8619



213.3750, 11.1541, -31.0239



221.3040, 5.7661, 17.2734

Complementary

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



217.7550, -15.1622, 9.8619



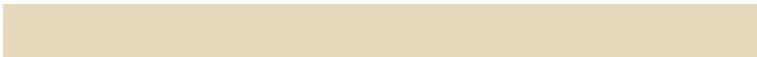
198.2450, 15.1622, -9.8619

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.



220.5240, 12.0667, 3.0485



217.7550, -15.1622, 9.8619



215.4450, 15.0636, -24.9463

Square

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



217.7550, -15.1622, 9.8619



213.0350, 3.4337, -28.0947



218.0490, 15.7518, -12.3210



221.8830, -2.4073, 25.5356

Rectangle

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



217.7550, -15.1622, 9.8619



214.3760, -7.0874, -13.4848



218.0490, 15.7518, -12.3210



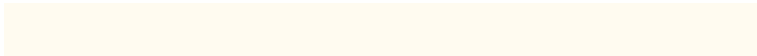
221.4390, 7.6716, 12.7700

Sweetspot

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



217.7550, -15.1622, 9.8619



250.9420, -5.3944, 3.5589



200.8120, -1.3863, 24.7209



125.2130, -3.0630, 2.4442



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.



217.7550, -15.1622, 9.8619



239.8110, -20.1198, 13.3208



221.2220, -16.8714, -1.9487



111.8710, -4.3734, 2.7441



131.0050, -64.5855, 42.0916



37.5550, -18.5146, 11.7913

Inverse Universe

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



198.2450, 15.1622, -9.8619



214.1890, 20.1198, -13.3208



194.7780, 16.8714, 1.9487



106.1290, 4.3734, -2.7441



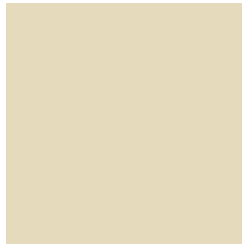
47.9950, 64.5855, -42.0916



13.4450, 18.5146, -11.7913

Previews

White Background



This preview shows how the YUV color 217.7550, -15.1622, 9.8619 looks on a white background.

Color Contrast Check

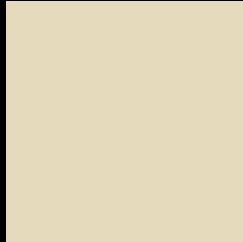
Large Text (above 18pt) WCAG AA × Fail

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 217.7550, -15.1622, 9.8619 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

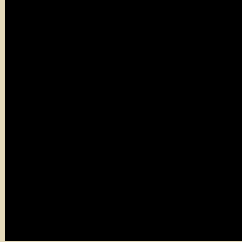
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 217.7550, -15.1622, 9.8619

Background



This preview shows how black text looks on a background with the YUV color 217.7550, -15.1622, 9.8619.



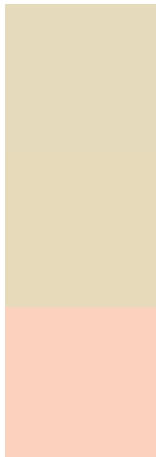
This preview shows how white text looks on a background with the YUV color 217.7550, -15.1622, 9.8619.

9.8619.

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

217.7550, -15.1622, 9.8619

Protanopia

218.0540, -15.3096, 10.4766

Deuteranopia

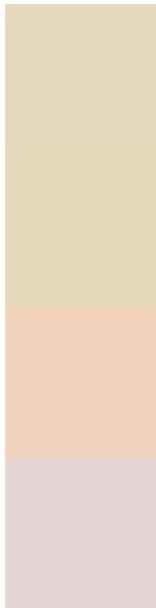
219.5660, -15.0690, 26.6906



Tritanopia

220.5160, 4.1826, 11.8255

Trichromacy



Original Color

217.7550, -15.1622, 9.8619

Protanomaly

218.0540, -15.3096, 10.4766

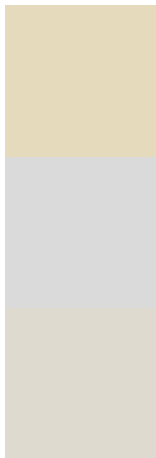
Deuteranomaly

218.8210, -15.1948, 20.3280

Tritanomaly

219.3820, -2.6533, 11.0660

Monochromacy



Original Color

217.7550, -15.1622, 9.8619

Achromatopsia

218.0000, 0.0000, 0.0000

Achromatomaly

217.9420, -5.3944, 3.5589

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.7550, -15.1622, 9.8619 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(229, 218, 187)` looks like.

```
.text, #text, p{  
    color:rgb(229, 218, 187)  
}
```

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(229, 218, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 218, 187) }
```

Border

The CSS property to change the border of an element to YUV 217.7550, -15.1622, 9.8619 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(229, 218, 187) }
```


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

```
.border{ border-color:rgb(229, 218, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 218, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 218, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 218, 187);  
box-shadow:4px 4px 4px 4px rgb(229, 218,  
187) }
```

Background

The CSS property to change the background color of an element to YUV 217.7550, -15.1622, 9.8619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 218, 187) }
```

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

```
.background{ background-color: rgb(229,  
218, 187) }
```

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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