

Converting Colors

YUV(217.8850, -15.7193,
1.8549)

Have a look what the booklet for
YUV(217.8850, -15.7193, 1.8549)
contains.

YUV(217.8850, -15.7193, 1.8549)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(217.8850, -15.7193,
1.8549)**

Conversions

Conversions Part 1

Format	Color
Hex	DCDFBA
RGB	220, 223, 186
RGB Percent	86%, 87%, 73%
CMY	0.1373, 0.1255, 0.2706
CMYK	0.01, 0.00, 0.17, 0.13
HSL	65°, 37%, 80%
HSV	65°, 17%, 87%
XYZ	64.7658, 71.5362, 56.8487
YIQ	217.8850, 10.0890, -12.1430

Conversions

Conversions Part 2

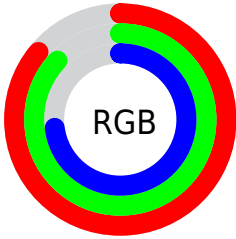
Format	Color
RYB	186, 223, 189
Decimal	14475194
CIELab	87.74, -7.19, 17.82
CIELCh	88, 19.220, 111.968
Yxy	71.5362, 0.3353, 0.3704
Android (android.graphics.Color)	4292665274 (0xFFDCDFBA)
YUV	217.8850, -15.7193, 1.8549
Hunter-Lab	84.5791, -11.3283, 19.3543

Details

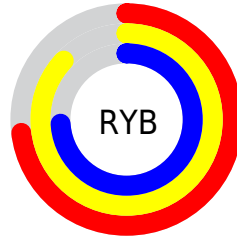
The YUV color $217.8850, -15.7193, 1.8549$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $191.1150, 15.7193, -1.8549$, and the grayscale version is $218.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.5180, -5.6784, 1.2997$, and $163.1130, -14.8457, 1.6549$ is the 20% darker color. If you saturate the color by 10%, you get $214.7790, -25.0340, 2.8248$, and if you desaturate by 10%, it is $220.9910, -6.4046, 0.8849$.

Distribution



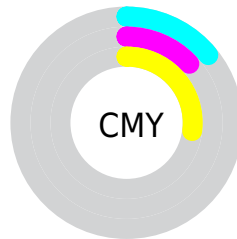
- Red (86%)
- Green (87%)
- Blue (73%)



- Red (73%)
- Yellow (87%)
- Blue (74%)



- Cyan (1%)
- Magenta (0%)
- Yellow (17%)
- Black (13%)



- Cyan (14%)
- Magenta (13%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.8850, -15.7193, 1.8549 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 217.8850, -15.7193, 1.8549 by changing the saturation by 10% instead.

■ 217.8850,
-15.7193, 1.8549

■ 217.8850,
-15.7193, 1.8549

255.0000, 0.0000,
0.0000

■ 189.9990,
-15.2825, 1.7549

■ 253.5180, -5.6784,
1.2997

■ 163.1130,
-14.8457, 1.6549

■ 136.2270,
-14.4089, 1.5549

■ 111.3410,
-13.9721, 1.4549

■ 86.5690, -13.0985,
1.2550

■ 63.3840, -12.5143,
0.5402

■ 41.4980, -12.0775,

0.4403

■ 20.9540, -10.3303,
0.0403

■ 0.0000, 0.0000,
0.0000

■ 217.8850,
-15.7193, 1.8549

■ 217.8850,
-15.7193, 1.8549

■ 214.7790,
-25.0340, 2.8248

■ 220.9910, -6.4046,
0.8849

■ 211.5590,
-34.7856, 3.8948

■ 224.2110, 3.3470,
-0.1850

■ 208.7520,
-44.2477, 5.4795

■ 227.0180, 12.8091,
-1.7698

■ 205.6460,
-53.5625, 6.4495

■ 227.8440, 13.3879,
-0.7402

■ 202.4260,
-63.3140, 7.5194

■ 228.4420, 13.0931,
0.4894

■ 199.3200,
-72.6288, 8.4894

■ 229.0400, 12.7983,
1.7189

■ 196.2140,
-81.9435, 9.4593

■ 229.6380, 12.5035,
2.9485

■ 193.4070,
-91.4057, 11.0441

■ 229.9370, 12.3561,
3.5633

■ 192.1960,
-94.7526, 11.2291

■ 230.5350, 12.0612,
4.7928

Harmonies

Analogous

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



219.8160, -17.6573, 16.8244



217.8850, -15.7193, 1.8549



215.7950, -9.2659, -14.7292

Triad

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



217.8850, -15.7193, 1.8549



215.0310, 16.2537, -33.3532



223.8060, 1.0816, 26.4801

Complementary

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



217.8850, -15.7193, 1.8549



191.1150, 15.7193, -1.8549

Split Complementary

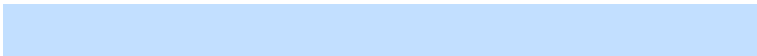
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



223.0200, 9.8501, 14.0145



217.8850, -15.7193, 1.8549



217.9770, 18.2523, -21.0278

Square

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



217.8850, -15.7193, 1.8549



213.0000, 9.8600, -35.9570



221.2180, 16.1615, -3.6992



221.9390, -7.3649, 28.9945

Rectangle

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



217.8850, -15.7193, 1.8549



214.3360, -3.1236, -24.8507



221.2180, 16.1615, -3.6992



223.8810, 4.0027, 22.9064

Sweetspot

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



217.8850, -15.7193, 1.8549



253.2190, -5.5310, 0.6849



198.2370, -6.0328, 21.7172



126.7890, -3.3470, 0.1850



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.



217.8850, -15.7193, 1.8549



247.9900, -21.6871, 2.6398



212.5030, -13.0660, -9.2111



110.4470, -4.6574, 0.4850



151.7500, -74.8127, 8.9893



41.6310, -20.5241, 2.9546

Inverse Universe

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



191.1150, 15.7193, -1.8549



211.0100, 21.6871, -2.6398



196.4970, 13.0660, 9.2111



102.5530, 4.6574, -0.4850



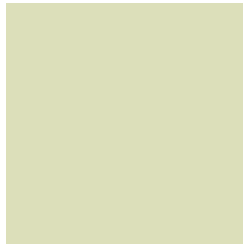
24.2500, 74.8127, -8.9893



6.6680, 20.3767, -2.3398

Previews

White Background



This preview shows how the YUV color 217.8850, -15.7193, 1.8549 looks on a white background.

Color Contrast Check

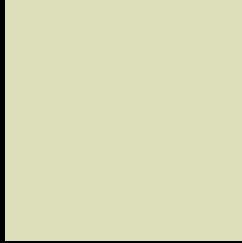
Large Text (above 18pt) WCAG AA × Fail

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 217.8850, -15.7193, 1.8549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

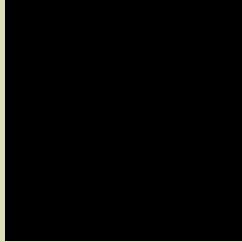
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

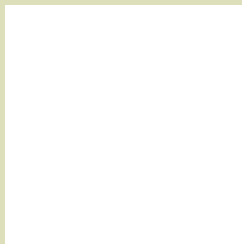
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 217.8850, -15.7193, 1.8549

Background



This preview shows how black text looks on a background with the YUV color 217.8850, -15.7193, 1.8549.



This preview shows how white text looks on a background with the YUV color 217.8850, -15.7193, 1.8549.

1.8549.

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

217.8850, -15.7193, 1.8549

Protanopia

218.8970, -17.2042, 11.4913

Deuteranopia

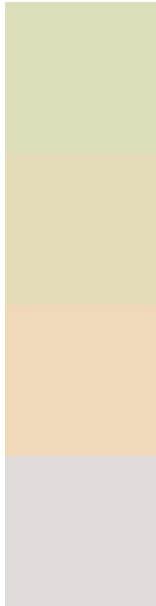
221.2240, -16.3794, 26.9906



Tritanopia

221.2270, 5.8041, 5.0629

Trichromacy



Original Color

217.8850, -15.7193, 1.8549

Protanomaly

218.4020, -16.4672, 8.4174

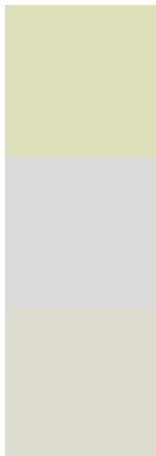
Deuteranomaly

219.8700, -16.2049, 17.6540

Tritanomaly

220.1530, -2.0474, 3.3738

Monochromacy



Original Color

217.8850, -15.7193, 1.8549

Achromatopsia

218.0000, 0.0000, 0.0000

Achromatomaly

218.1050, -5.9678, 0.7849

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.8850, -15.7193, 1.8549 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(220, 223, 186)` looks like.

```
.text, #text, p{  
    color:rgb(220, 223, 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(220, 223, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 223, 186) }
```

Border

The CSS property to change the border of an element to YUV 217.8850, -15.7193, 1.8549 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(220, 223, 186) }
```


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

```
.border{ border-color:rgb(220, 223, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 223, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 223, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 223, 186);  
box-shadow:4px 4px 4px 4px rgb(220, 223,  
186) }
```

Background

The CSS property to change the background color of an element to YUV 217.8850, -15.7193, 1.8549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 223, 186) }
```

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

```
.background{ background-color: rgb(220,  
223, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor