

Converting Colors

YUV(217.4950, -0.7370, 3.0739)

Have a look what the booklet for
YUV(217.4950, -0.7370, 3.0739)
contains.

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Color

**YUV(217.4950, -0.7370,
3.0739)**

Conversions

Conversions Part 1

Format	Color
Hex	DDD8D8
RGB	221, 216, 216
RGB Percent	87%, 85%, 85%
CMY	0.1333, 0.1529, 0.1529
CMYK	0.00, 0.02, 0.02, 0.13
HSL	0°, 7%, 86%
HSV	0°, 2%, 87%
XYZ	66.7693, 69.4418, 74.8502
YIQ	217.4950, 2.9800, 1.0600

Conversions

Conversions Part 2

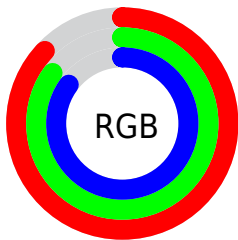
Format	Color
R _Y B	221, 216, 216
Decimal	14538968
CIE Lab	86.72, 1.71, 0.60
CIE LCh	87, 1.809, 19.213
Yxy	69.4418, 0.3164, 0.3290
Android (android.graphics.Color)	4292729048 (0xFFDDD8D8)
YUV	217.4950, -0.7370, 3.0739
Hunter-Lab	83.3317, -2.8078, 5.0767

Details

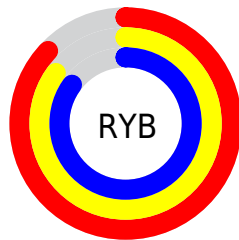
The YUV color $217.4950, -0.7370, 3.0739$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $219.5050, 0.7370, -3.0739$, and the grayscale version is $218.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $162.4950, -0.7370, 3.0739$ is the 20% darker color. If you saturate the color by 10%, you get $202.0730, -3.9800, 16.5990$, and if you desaturate by 10%, it is $232.9170, 2.5059, -10.4512$.

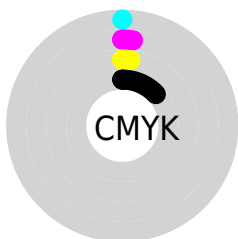
Distribution



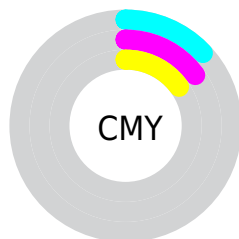
- Red (87%)
- Green (85%)
- Blue (85%)



- Red (87%)
- Yellow (85%)
- Blue (85%)



- Cyan (0%)
- Magenta (2%)
- Yellow (2%)
- Black (13%)



- Cyan (13%)
- Magenta (15%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.4950, -0.7370, 3.0739 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 217.4950, -0.7370, 3.0739 by changing the saturation by 10% instead.

■ 217.4950, -0.7370,
3.0739

■ 217.4950, -0.7370,
3.0739

255.0000, 0.0000,
0.0000

■ 189.4950, -0.7370,
3.0739

■ 162.4950, -0.7370,
3.0739

■ 136.4950, -0.7370,
3.0739

■ 111.1960, -0.5896,
2.4591

■ 86.4950, -0.7370,
3.0739

■ 63.1960, -0.5896,
2.4591

■ 41.1960, -0.5896,

2.4591

■ 21.1960, -0.5896,
2.4591

■ 0.0000, 0.0000,
0.0000

■ 217.4950, -0.7370,
3.0739

■ 217.4950, -0.7370,
3.0739

■ 202.0730, -3.9800,
16.5990

■ 232.9170, 2.5059,
-10.4512

■ 186.6510, -7.2229,
30.1241

■ 244.8340, 5.0118,
-20.9024

■ 171.2290,
-10.4659, 43.6492

■ 155.8070,
-13.7089, 57.1743

■ 140.3850,
-16.9518, 70.6994

■ 124.2620,
-20.3422, 84.8392

■ 108.8400,
-23.5851, 98.3643

■ 93.4180, -26.8281,
111.8894

■ 77.9960, -30.0710,
125.4145

Harmonies

Analogous

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



217.4240, 0.2840, 2.2592



217.4950, -0.7370, 3.0739



217.3810, -1.1738, 3.1739

Triad

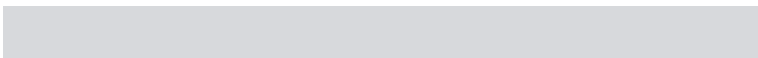
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



217.4950, -0.7370, 3.0739



216.7610, -0.8682, -1.5444



216.7440, 1.6052, -1.5295

Complementary

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



217.4950, -0.7370, 3.0739



219.5050, 0.7370, -3.0739

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.



216.7330, 1.6106, -3.2738



217.4950, -0.7370, 3.0739



216.5760, -0.2840, -2.2592

Square

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



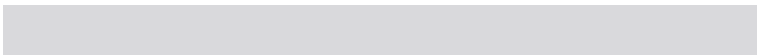
217.4950, -0.7370, 3.0739



216.6580, -1.3104, 0.2999



216.5050, 0.7370, -3.0739



217.3420, 1.3104, -0.2999

Rectangle

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



217.4950, -0.7370, 3.0739



217.5550, -1.7526, 2.1443



216.5050, 0.7370, -3.0739



217.0320, 1.4632, -2.6591

Sweetspot

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



217.4950, -0.7370, 3.0739



252.8970, -0.4422, 1.8443



218.0650, 1.4470, 2.5740



126.5980, -0.2948, 1.2296



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.



217.4950, -0.7370, 3.0739



249.3920, -1.1793, 4.9182



219.2560, -1.6052, 1.5295



106.4950, -0.7370, 3.0739



51.7270, -25.5014, 106.3564



13.7540, -6.7807, 28.2797

Inverse Universe

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



219.5050, 0.7370, -3.0739



252.6080, 1.1793, -4.9182



218.3310, 1.3158, -2.0443



108.5050, 0.7370, -3.0739



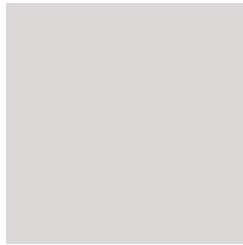
121.2730, 25.5014, -106.3564



32.2460, 6.7807, -28.2797

Previews

White Background



This preview shows how the YUV color 217.4950, -0.7370, 3.0739 looks on a white background.

Color Contrast Check

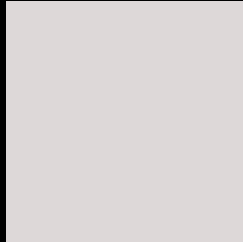
Large Text (above 18pt) WCAG AA × Fail

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 217.4950, -0.7370, 3.0739 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

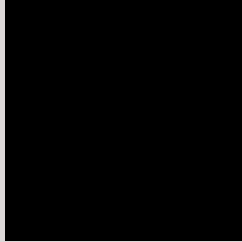
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

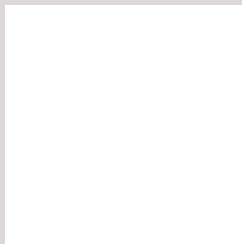
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 217.4950, -0.7370, 3.0739

Background



This preview shows how black text looks on a background with the YUV color 217.4950, -0.7370, 3.0739.

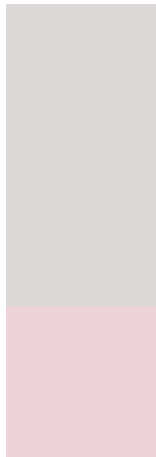


This preview shows how white text looks on a background with the YUV color 217.4950, -0.7370,

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

217.4950, -0.7370, 3.0739

Protanopia

217.4950, -0.7370, 3.0739

Deuteranopia

219.1700, -1.0698, 16.5139



Tritanopia

218.6290, 6.0989, 3.8334

Trichromacy



Original Color

217.4950, -0.7370, 3.0739

Protanomaly

217.4950, -0.7370, 3.0739

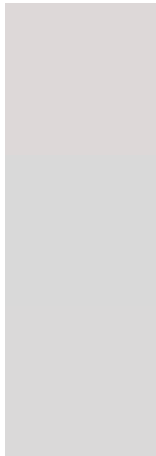
Deuteranomaly

218.5500, -0.7641, 11.7957

Tritanomaly

218.3470, 3.7729, 3.2037

Monochromacy



Original Color

217.4950, -0.7370, 3.0739

Achromatopsia

217.0000, 0.0000, 0.0000

Achromatomaly

217.2990, -0.1474, 0.6148

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.4950, -0.7370, 3.0739 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(221, 216, 216)` looks like.

```
.text, #text, p{  
    color:rgb(221, 216, 216)  
}
```

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(221, 216, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 216, 216) }
```

Border

The CSS property to change the border of an element to YUV 217.4950, -0.7370, 3.0739 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(221, 216, 216) }
```


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

```
.border{ border-color:rgb(221, 216, 216) }
```

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

Here you see how a box with a 4 pixel rgb(221, 216, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 216, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 216, 216);  
box-shadow:4px 4px 4px 4px rgb(221, 216,  
216) }
```

Background

The CSS property to change the background color of an element to YUV 217.4950, -0.7370, 3.0739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 216, 216) }
```

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

```
.background{ background-color: rgb(221,  
216, 216) }
```

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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