

Converting Colors

YUV(215.4950, -0.7370, 3.0739)

Have a look what the booklet for
YUV(215.4950, -0.7370, 3.0739)
contains.

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Color

**YUV(215.4950, -0.7370,
3.0739)**

Conversions

Conversions Part 1

Format	Color
Hex	DBD6D6
RGB	219, 214, 214
RGB Percent	86%, 84%, 84%
CMY	0.1412, 0.1608, 0.1608
CMYK	0.00, 0.02, 0.02, 0.14
HSL	0°, 6%, 85%
HSV	0°, 2%, 86%
XYZ	65.3976, 68.0082, 73.2984
YIQ	215.4950, 2.9800, 1.0600

Conversions

Conversions Part 2

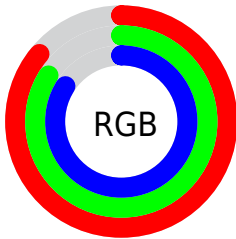
Format	Color
RYB	219, 214, 214
Decimal	14407382
CIELab	86.01, 1.71, 0.60
CIELCh	86, 1.813, 19.217
Yxy	68.0082, 0.3164, 0.3290
Android (android.graphics.Color)	4292597462 (0xFFD6D6D6)
YUV	215.4950, -0.7370, 3.0739
Hunter-Lab	82.4671, -2.7644, 5.0288

Details

The YUV color $215.4950, -0.7370, 3.0739$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $217.5050, 0.7370, -3.0739$, and the grayscale version is $215.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $160.4950, -0.7370, 3.0739$ is the 20% darker color. If you saturate the color by 10%, you get $200.0730, -3.9800, 16.5990$, and if you desaturate by 10%, it is $230.9170, 2.5059, -10.4512$.

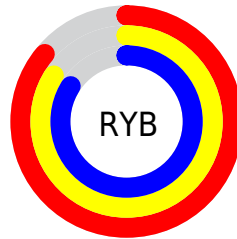
Distribution



Red (86%)

Green (84%)

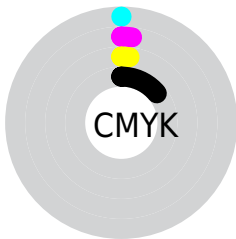
Blue (84%)



Red (86%)

Yellow (84%)

Blue (84%)

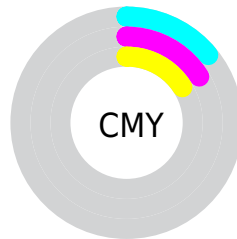


Cyan (0%)

Magenta (2%)

Yellow (2%)

Black (14%)



Cyan (14%)

Magenta (16%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 215.4950, -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 215.4950, -0.7370, 3.0739 by changing the saturation by 10% instead.

■ 215.4950, -0.7370,
3.0739

■ 215.4950, -0.7370,
3.0739

255.0000, 0.0000,
0.0000

■ 187.4950, -0.7370,
3.0739

■ 160.4950, -0.7370,
3.0739

■ 134.4950, -0.7370,
3.0739

■ 109.1960, -0.5896,
2.4591

■ 85.1960, -0.5896,
2.4591

■ 62.1960, -0.5896,
2.4591

■ 40.1960, -0.5896,

2.4591

■ 19.1960, -0.5896,
2.4591

■ 0.0000, 0.0000,
0.0000

■ 215.4950, -0.7370,
3.0739

■ 215.4950, -0.7370,
3.0739

■ 200.0730, -3.9800,
16.5990

■ 230.9170, 2.5059,
-10.4512

■ 184.6510, -7.2229,
30.1241

■ 244.2360, 5.3067,
-22.1320

■ 169.2290,
-10.4659, 43.6492

■ 153.8070,
-13.7089, 57.1743

■ 139.0860,
-16.8044, 70.0846

■ 123.6640,
-20.0474, 83.6097

■ 108.2420,
-23.2903, 97.1348

■ 92.8200, -26.5333,
110.6599

■ 77.3980, -29.7762,
124.1850

Harmonies

Analogous

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



215.4240, 0.2840, 2.2592



215.4950, -0.7370, 3.0739



215.3810, -1.1738, 3.1739

Triad

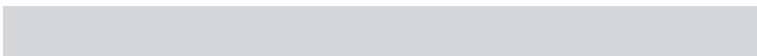
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



215.4950, -0.7370, 3.0739



214.7610, -0.8682, -1.5444



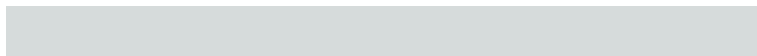
214.7440, 1.6052, -1.5295

Complementary

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



215.4950, -0.7370, 3.0739



217.5050, 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.



214.7330, 1.6106, -3.2738



215.4950, -0.7370, 3.0739



214.5760, -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.



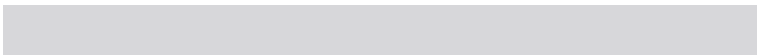
215.4950, -0.7370, 3.0739



214.6580, -1.3104, 0.2999



214.5050, 0.7370, -3.0739



215.3420, 1.3104, -0.2999

Rectangle

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



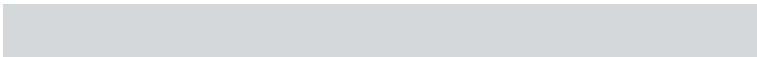
215.4950, -0.7370, 3.0739



215.5550, -1.7526, 2.1443



214.5050, 0.7370, -3.0739



215.0320, 1.4632, -2.6591

Sweetspot

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



215.4950, -0.7370, 3.0739



252.8970, -0.4422, 1.8443



216.0650, 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.



215.4950, -0.7370, 3.0739



249.3920, -1.1793, 4.9182



217.2560, -1.6052, 1.5295



106.4950, -0.7370, 3.0739



51.7270, -25.5014, 106.3564



13.7540, -6.7807, 28.2797

Inverse Universe

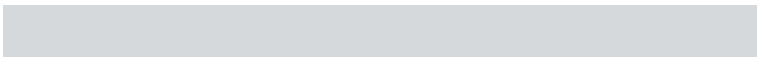
The Inverse Universe completely reimagines the original color for something new.



217.5050, 0.7370, -3.0739



252.6080, 1.1793, -4.9182



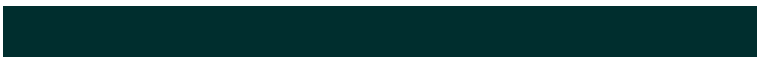
216.3310, 1.3158, -2.0443



108.5050, 0.7370, -3.0739



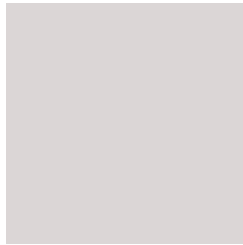
121.2730, 25.5014, -106.3564



32.2460, 6.7807, -28.2797

Previews

White Background



This preview shows how the YUV color 215.4950, -0.7370, 3.0739 looks on a white background.

Color Contrast Check

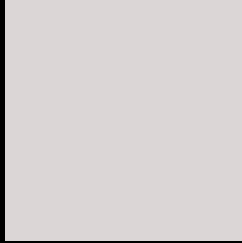
Large Text (above 18pt) WCAG AA × Fail

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 215.4950, -0.7370, 3.0739 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

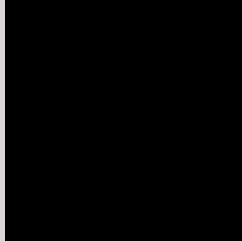
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

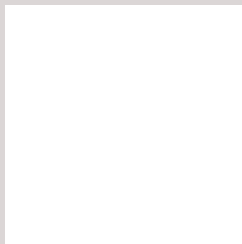
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 215.4950, -0.7370, 3.0739

Background



This preview shows how black text looks on a background with the YUV color 215.4950, -0.7370, 3.0739.

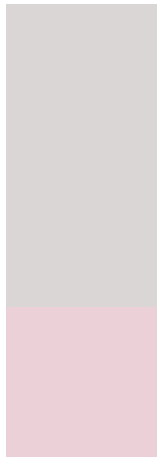


This preview shows how white text looks on a background with the YUV color 215.4950, -0.7370,

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

215.4950, -0.7370, 3.0739

Protanopia

215.4950, -0.7370, 3.0739

Deuteranopia

217.1700, -1.0698, 16.5139



Tritanopia

216.5150, 5.6621, 3.9333

Trichromacy



Original Color

215.4950, -0.7370, 3.0739

Protanomaly

215.4950, -0.7370, 3.0739

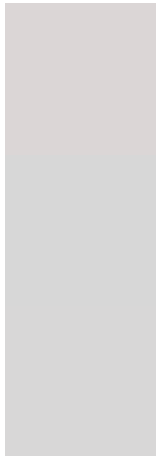
Deuteranomaly

216.5500, -0.7641, 11.7957

Tritanomaly

216.2330, 3.3361, 3.3037

Monochromacy



Original Color

215.4950, -0.7370, 3.0739

Achromatopsia

215.0000, 0.0000, 0.0000

Achromatomaly

215.2990, -0.1474, 0.6148

CSS Examples

Text

The CSS property to change the color of the text to YUV 215.4950, -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(219, 214, 214)` looks like.

```
.text, #text, p{  
    color:rgb(219, 214, 214)  
}
```

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(219, 214, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 214, 214) }
```

Border

The CSS property to change the border of an element to YUV 215.4950, -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(219, 214, 214) }
```


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

```
.border{ border-color:rgb(219, 214, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 214, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 214, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 214, 214);  
box-shadow:4px 4px 4px 4px rgb(219, 214,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 215.4950, -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(219, 214, 214) }
```

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

```
.background{ background-color: rgb(219,  
214, 214) }
```

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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