

Converting Colors

YUV(217.1230, 6.8414, -0.9849)

Have a look what the booklet for
YUV(217.1230, 6.8414, -0.9849)
contains.

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Color

**YUV(217.1230, 6.8414,
-0.9849)**

Conversions

Conversions Part 1

Format	Color
Hex	D8D7E7
RGB	216, 215, 231
RGB Percent	85%, 84%, 91%
CMY	0.1529, 0.1569, 0.0941
CMYK	0.06, 0.07, 0.00, 0.09
HSL	244°, 25%, 87%
HSV	244°, 7%, 91%
XYZ	67.0431, 68.9693, 85.3802
YIQ	217.1230, -4.5400, 5.1880

Conversions

Conversions Part 2

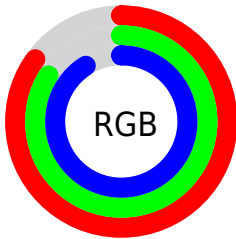
Format	Color
R _Y B	216, 215, 231
Decimal	14211047
CIE Lab	86.49, 3.32, -7.72
CIE LCh	86, 8.408, 293.270
Yxy	68.9693, 0.3028, 0.3115
Android (android.graphics.Color)	4292401127 (0xFFD8D7E7)
YUV	217.1230, 6.8414, -0.9849
Hunter-Lab	83.0478, -1.2334, -2.8217

Details

The YUV color `217.1230, 6.8414, -0.9849` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `228.8770, -6.8414, 0.9849`, and the grayscale version is `217.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `162.0090, 6.4046, -0.8849` is the 20% darker color. If you saturate the color by 10%, you get `197.0440, 16.7403, -2.6696`, and if you desaturate by 10%, it is `237.2020, -3.0576, 0.6998`.

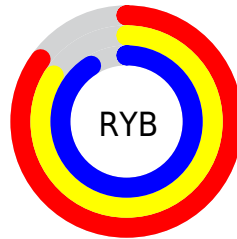
Distribution



Red (85%)

Green (84%)

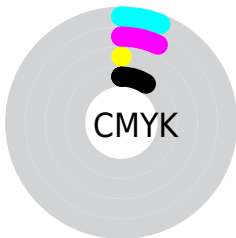
Blue (91%)



Red (85%)

Yellow (84%)

Blue (91%)

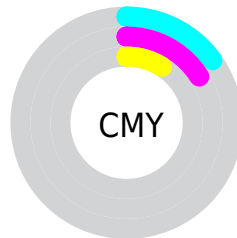


Cyan (6%)

Magenta (7%)

Yellow (0%)

Black (9%)



Cyan (15%)

Magenta (16%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.1230, 6.8414, -0.9849 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 217.1230, 6.8414, -0.9849 by changing the saturation by 10% instead.

■ 217.1230, 6.8414,
-0.9849

■ 217.1230, 6.8414,
-0.9849

255.0000, 0.0000,
0.0000

■ 189.1230, 6.8414,
-0.9849

■ 162.0090, 6.4046,
-0.8849

■ 136.0090, 6.4046,
-0.8849

■ 110.8950, 5.9678,
-0.7849

■ 86.4820, 5.6784,
-1.2997

■ 63.3680, 5.2416,
-1.1997

■ 41.3680, 5.2416,

-1.1997

■ 20.6670, 5.0942,
-0.5850

■ 0.4560, 1.7472,
-0.3999

■ 217.1230, 6.8414,
-0.9849

■ 217.1230, 6.8414,
-0.9849

■ 197.0440, 16.7403,
-2.6696

■ 237.2020, -3.0576,
0.6998

■ 177.2640, 26.4918,
-3.7395

■ 252.2640,
-10.4832, 2.3995

■ 157.1850, 36.3908,
-5.4242

■ 137.1060, 46.2897,
-7.1090

■ 117.3260, 56.0413,
-8.1789

■ 96.6600, 66.2296,
-9.3488

■ 76.5810, 76.1286,
-11.0335

■ 56.8010, 85.8801,
-12.1035

■ 36.7220, 95.7791,
-13.7882

Harmonies

Analogous

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



216.0080, 7.8841, -8.7770



217.1230, 6.8414, -0.9849



218.0700, 3.9095, 6.0776

Triad

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



217.1230, 6.8414, -0.9849



217.6550, -6.7319, 12.5806



213.9230, 0.0380, -12.2105

Complementary

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



217.1230, 6.8414, -0.9849



228.8770, -6.8414, 0.9849

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.



214.6310, -3.7621, -6.6924



217.1230, 6.8414, -0.9849



216.3940, -7.5892, 7.5475

Square

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



217.1230, 6.8414, -0.9849



217.7630, -3.8272, 14.2398



215.5780, -6.6940, 0.3701



213.9380, 3.9746, -14.8546

Rectangle

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



217.1230, 6.8414, -0.9849



218.4080, 1.2779, 10.1662



215.5780, -6.6940, 0.3701



214.2930, -1.1304, -10.7810

Sweetspot

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



217.1230, 6.8414, -0.9849



250.5700, 2.1840, -0.4999



225.6290, 2.6479, -9.3216



125.3420, 1.3104, -0.2999



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.



217.1230, 6.8414, -0.9849



237.5790, 8.5886, -1.3848



219.5150, 5.6621, 3.9333



104.6670, 5.0942, -0.5850



23.6950, 76.5654, -11.1335



6.7110, 21.8345, -3.2545

Inverse Universe

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



221.4940, 4.1935, 8.3368



243.1460, 5.3510, 10.3960



226.4850, -5.6621, -3.9333



107.8420, 3.0359, 6.2776



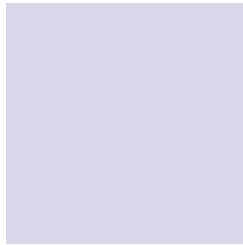
72.5590, 46.5594, 93.3488



20.7210, 13.4485, 26.5547

Previews

White Background



This preview shows how the YUV color 217.1230, 6.8414, -0.9849 looks on a white background.

Color Contrast Check

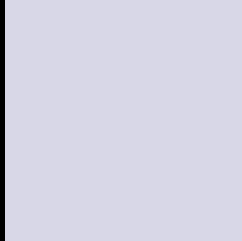
Large Text (above 18pt) WCAG AA × Fail

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 217.1230, 6.8414, -0.9849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

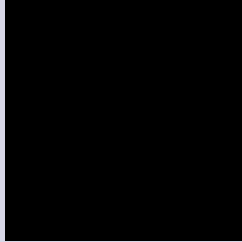
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 217.1230, 6.8414, -0.9849

Background



This preview shows how black text looks on a background with the YUV color 217.1230, 6.8414, -0.9849.



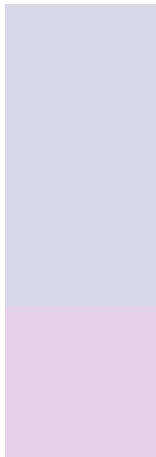
This preview shows how white text looks on a background with the YUV color 217.1230, 6.8414, -0.9849.

-0.9849.

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

217.1230, 6.8414, -0.9849

Protanopia

217.1230, 6.8414, -0.9849

Deuteranopia

218.4880, 6.6614, 10.0960



Tritanopia

217.2370, 7.2782, -1.0848

Trichromacy



Original Color

217.1230, 6.8414, -0.9849

Protanomaly

217.1230, 6.8414, -0.9849

Deuteranomaly

218.1670, 6.8197, 5.9925

Tritanomaly

217.2370, 7.2782, -1.0848

Monochromacy



Original Color

217.1230, 6.8414, -0.9849

Achromatopsia

217.0000, 0.0000, 0.0000

Achromatomaly

216.9830, 2.4734, 0.0149

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.1230, 6.8414, -0.9849 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(216, 215, 231)` looks like.

```
.text, #text, p{  
    color:rgb(216, 215, 231)  
}
```

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(216, 215, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 215, 231) }
```

Border

The CSS property to change the border of an element to YUV 217.1230, 6.8414, -0.9849 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(216, 215, 231) }
```


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

```
.border{ border-color:rgb(216, 215, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 215, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 215, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 215, 231);  
box-shadow:4px 4px 4px 4px rgb(216, 215,  
231) }
```

Background

The CSS property to change the background color of an element to YUV 217.1230, 6.8414, -0.9849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 215, 231) }
```

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

```
.background{ background-color: rgb(216,  
215, 231) }
```

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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