

Converting Colors

YUV(216.1250, 0.4314, 1.6444)

Have a look what the booklet for
YUV(216.1250, 0.4314, 1.6444)
contains.

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Color

**YUV(216.1250, 0.4314,
1.6444)**

Conversions

Conversions Part 1

Format	Color
Hex	DAD7D9
RGB	218, 215, 217
RGB Percent	85%, 84%, 85%
CMY	0.1451, 0.1569, 0.1490
CMYK	0.00, 0.01, 0.00, 0.15
HSL	320°, 4%, 85%
HSV	320°, 1%, 85%
XYZ	65.7383, 68.5161, 75.4058
YIQ	216.1250, 1.1460, 1.2580

Conversions

Conversions Part 2

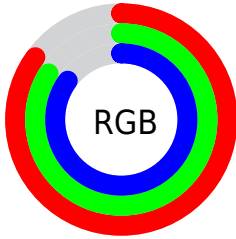
Format	Color
R _Y B	218, 215, 217
Decimal	14342105
CIE Lab	86.26, 1.39, -0.63
CIE LCh	86, 1.522, 335.517
Yxy	68.5161, 0.3135, 0.3268
Android (android.graphics.Color)	4292532185 (0xFFDAD7D9)
YUV	216.1250, 0.4314, 1.6444
Hunter-Lab	82.7744, -3.0931, 3.9301

Details

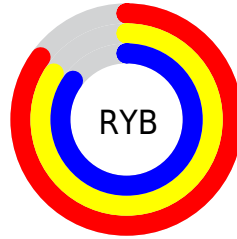
The YUV color `216.1250, 0.4314, 1.6444` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `216.8750, -0.4314, -1.6444`, and the grayscale version is `216.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `161.1250, 0.4314, 1.6444` is the 20% darker color. If you saturate the color by 10%, you get `202.4130, 3.7404, 13.6698`, and if you desaturate by 10%, it is `229.8370, -2.8776, -10.3810`.

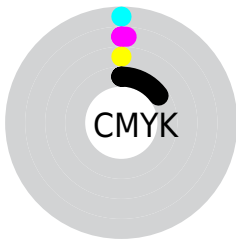
Distribution



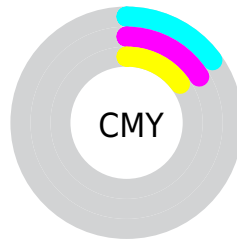
- Red (85%)
- Green (84%)
- Blue (85%)



- Red (85%)
- Yellow (84%)
- Blue (85%)



- Cyan (0%)
- Magenta (1%)
- Yellow (0%)
- Black (15%)



- Cyan (15%)
- Magenta (16%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.1250, 0.4314, 1.6444 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 216.1250, 0.4314, 1.6444 by changing the saturation by 10% instead.

■ 216.1250, 0.4314,
1.6444

■ 216.1250, 0.4314,
1.6444

255.0000, 0.0000,
0.0000

■ 188.1250, 0.4314,
1.6444

■ 161.1250, 0.4314,
1.6444

■ 135.1250, 0.4314,
1.6444

■ 110.1250, 0.4314,
1.6444

■ 85.7120, 0.1420,
1.1296

■ 62.1250, 0.4314,
1.6444

■ 40.7120, 0.1420,

1.1296

■ 20.1250, 0.4314,
1.6444

■ 0.0000, 0.0000,
0.0000

■ 216.1250, 0.4314,
1.6444

■ 216.1250, 0.4314,
1.6444

■ 202.4130, 3.7404,
13.6698

■ 229.8370, -2.8776,
-10.3810

■ 188.5870, 6.6126,
25.7952

■ 241.3150, -4.5923,
-20.4473

■ 175.4620, 9.6322,
37.3058

■ 242.1130, -1.5347,
-21.1471

■ 161.7500, 12.9413,
49.3312

■ 242.9110, 1.5229,
-21.8469

■ 148.0380, 16.2503,
61.3567

■ 243.7090, 4.5805,
-22.5468

■ 134.2120, 19.1225,
73.4821

■ 243.9370, 5.4541,
-22.7467

■ 120.5000, 22.4315,
85.5075

■ 107.3750, 25.4511,
97.0181

■ 93.6630, 28.7601,
109.0435

Harmonies

Analogous

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



215.6410, 1.1630, 0.3148



216.1250, 0.4314, 1.6444



216.3100, -0.1528, 2.3591

Triad

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



216.1250, 0.4314, 1.6444



215.9570, -1.4578, 0.9147



215.5050, 0.7370, -3.0739

Complementary

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



216.1250, 0.4314, 1.6444



216.8750, -0.4314, -1.6444

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.



215.6900, 0.1528, -2.3591



216.1250, 0.4314, 1.6444



215.3590, -1.1630, -0.3148

Square

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



216.1250, 0.4314, 1.6444



215.6690, -1.3158, 2.0443



215.8750, -0.4314, -1.6444



215.3310, 1.3158, -2.0443

Rectangle

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



216.1250, 0.4314, 1.6444



216.1960, -0.5896, 2.4591



215.8750, -0.4314, -1.6444



215.5050, 0.7370, -3.0739

Sweetspot

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



216.1250, 0.4314, 1.6444

255.0000, 0.0000, 0.0000



215.6410, 1.1630, 0.3148



128.0000, 0.0000, 0.0000



0.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



216.1250, 0.4314, 1.6444



251.8370, 0.5734, 2.7740



216.0110, -0.0054, 1.7444



108.1250, 0.4314, 1.6444



64.9510, 25.1672, 94.7590



17.2880, 6.7600, 25.1804

Inverse Universe

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



216.1250, 0.4314, 1.6444



251.8370, 0.5734, 2.7740



217.1030, 0.4422, -1.8443



108.1250, 0.4314, 1.6444



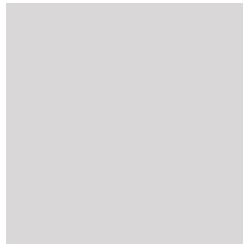
64.9510, 25.1672, 94.7590



17.2880, 6.7600, 25.1804

Previews

White Background



This preview shows how the YUV color 216.1250, 0.4314, 1.6444 looks on a white background.

Color Contrast Check

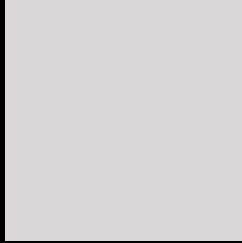
Large Text (above 18pt) WCAG AA × Fail

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 216.1250, 0.4314, 1.6444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

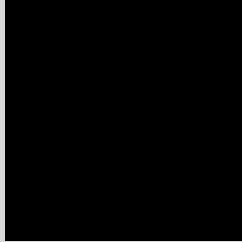
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

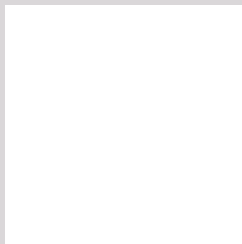
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 216.1250, 0.4314, 1.6444

Background



This preview shows how black text looks on a background with the YUV color 216.1250, 0.4314, 1.6444.



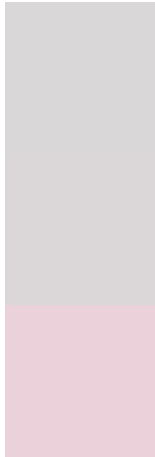
This preview shows how white text looks on a background with the YUV color 216.1250, 0.4314,

1.6444.

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

216.1250, 0.4314, 1.6444

Protanopia

216.4240, 0.2840, 2.2592

Deuteranopia

217.8000, 0.0986, 15.0844



Tritanopia

217.0310, 6.3937, 2.6038

Trichromacy



Original Color

216.1250, 0.4314, 1.6444

Protanomaly

216.4240, 0.2840, 2.2592

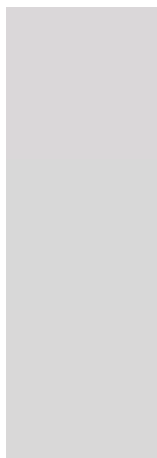
Deuteranomaly

217.1800, 0.4043, 10.3661

Tritanomaly

216.7490, 4.0677, 1.9741

Monochromacy



Original Color

216.1250, 0.4314, 1.6444

Achromatopsia

216.0000, 0.0000, 0.0000

Achromatomaly

216.2990, -0.1474, 0.6148

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.1250, 0.4314, 1.6444 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(218, 215, 217)` looks like.

```
.text, #text, p{  
    color:rgb(218, 215, 217)  
}
```

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(218, 215, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 215, 217) }
```

Border

The CSS property to change the border of an element to YUV 216.1250, 0.4314, 1.6444 is called "border". The border property can be set on classes, ids or directly on the HTML element.

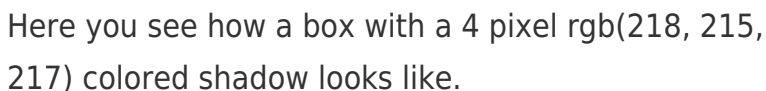
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(218, 215, 217) }
```

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

```
.border{ border-color:rgb(218, 215, 217) }
```

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



Here you see how a box with a 4 pixel `rgb(218, 215, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 215, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 215, 217);  
box-shadow:4px 4px 4px 4px rgb(218, 215,  
217) }
```


Background

The CSS property to change the background color of an element to YUV 216.1250, 0.4314, 1.6444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 215, 217) }
```

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

```
.background{ background-color: rgb(218,  
215, 217) }
```

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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