

Converting Colors

YUV(216.0850, 7.8461, 3.4335)

Have a look what the booklet for
YUV(216.0850, 7.8461, 3.4335)
contains.

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Color

**YUV(216.0850, 7.8461,
3.4335)**

Conversions

Conversions Part 1

Format	Color
Hex	DCD3E8
RGB	220, 211, 232
RGB Percent	86%, 83%, 91%
CMY	0.1373, 0.1725, 0.0902
CMYK	0.05, 0.09, 0.00, 0.09
HSL	266°, 31%, 87%
HSV	266°, 9%, 91%
XYZ	67.3750, 67.6304, 85.8469
YIQ	216.0850, -1.3770, 8.4390

Conversions

Conversions Part 2

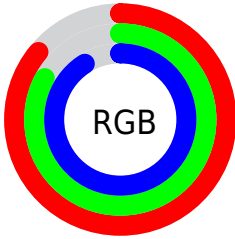
Format	Color
R_{YB}	220, 211, 232
Decimal	14472168
CIE _{Lab}	85.82, 6.93, -9.21
CIE _{LCh}	86, 11.528, 306.967
Yxy	67.6304, 0.3051, 0.3062
Android (android.graphics.Color)	4292662248 (0xFFDCD3E8)
YUV	216.0850, 7.8461, 3.4335
Hunter-Lab	82.2377, 2.3239, -4.3257

Details

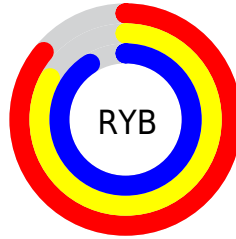
The YUV color `216.0850, 7.8461, 3.4335` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `226.9150, -7.8461, -3.4335`, and the grayscale version is `216.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `161.5580, 7.1199, 3.0186` is the 20% darker color. If you saturate the color by 10%, you get `198.6970, 16.4184, 7.2817`, and if you desaturate by 10%, it is `233.4730, -0.7262, -0.4148`.

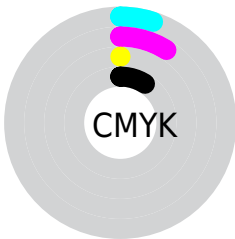
Distribution



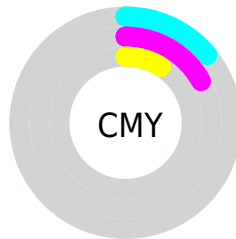
- Red (86%)
- Green (83%)
- Blue (91%)



- Red (86%)
- Yellow (83%)
- Blue (91%)



- Cyan (5%)
- Magenta (9%)
- Yellow (0%)
- Black (9%)



- Cyan (14%)
- Magenta (17%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.0850, 7.8461, 3.4335 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 216.0850, 7.8461, 3.4335 by changing the saturation by 10% instead.

■ 216.0850, 7.8461,
3.4335

■ 216.0850, 7.8461,
3.4335

255.0000, 0.0000,
0.0000

■ 188.0850, 7.8461,
3.4335

■ 161.5580, 7.1199,
3.0186

■ 134.9710, 7.4093,
3.5334

■ 109.5580, 7.1199,
3.0186

■ 85.4440, 6.6831,
3.1186

■ 62.0310, 6.3937,
2.6038

■ 40.5040, 5.6675,

2.1890

■ 19.8030, 5.5201,
2.8038

■ 0.5700, 2.1840,
-0.4999

■ 216.0850, 7.8461,
3.4335

■ 216.0850, 7.8461,
3.4335

■ 198.6970, 16.4184,
7.2817

■ 233.4730, -0.7262,
-0.4148

■ 181.0100, 25.1381,
10.5152

■ 249.9860, -8.8671,
-2.6187

■ 163.0350, 33.9997,
14.8783

■ 252.3780,
-10.0464, 2.2995

■ 145.6470, 42.5720,
18.7266

■ 128.2590, 51.1443,
22.5749

■ 110.5720, 59.8640,
25.8084

■ 93.1840, 68.4363,
29.6566

■ 75.2090, 77.2980,
34.0197

■ 57.8210, 85.8702,
37.8680

Harmonies

Analogous

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



214.7030, 10.4994, -7.6325



216.0850, 7.8461, 3.4335



216.5870, 3.1616, 12.6402

Triad

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



216.0850, 7.8461, 3.4335



215.4550, -10.0843, 14.5100



210.9760, 2.9698, -19.2730

Complementary

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



216.0850, 7.8461, 3.4335



226.9150, -7.8461, -3.4335

Split Complementary

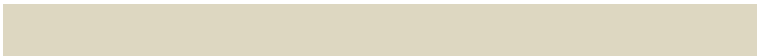
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



211.5270, -2.7248, -12.7402



216.0850, 7.8461, 3.4335



214.2860, -10.4940, 5.8882

Square

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



216.0850, 7.8461, 3.4335



216.2860, -7.0430, 19.0432



212.6160, -7.6987, -4.0482



211.2300, 7.7746, -20.3727

Rectangle

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



216.0850, 7.8461, 3.4335



216.6970, -0.3436, 16.9287



212.6160, -7.6987, -4.0482



211.1180, 0.9278, -17.6435

Sweetspot

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



216.0850, 7.8461, 3.4335



249.1080, 2.9048, 1.6593



220.4380, 5.7001, -8.2771



123.5810, 2.1786, 1.2445



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.



216.0850, 7.8461, 3.4335



233.7800, 10.4615, 4.5779



219.0750, 6.3720, 9.5812



105.8630, 4.5045, 1.8741



43.4290, 66.8365, 29.4418



12.3920, 19.0337, 8.4262

Inverse Universe

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



218.6470, 2.1460, 11.7106



237.1960, 2.8614, 15.6141



223.9250, -6.3720, -9.5812



107.3860, 1.2887, 6.6775



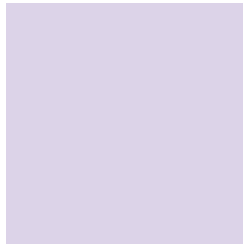
65.1490, 18.1675, 99.8473



18.5550, 5.1494, 28.4543

Previews

White Background



This preview shows how the YUV color 216.0850, 7.8461, 3.4335 looks on a white background.

Color Contrast Check

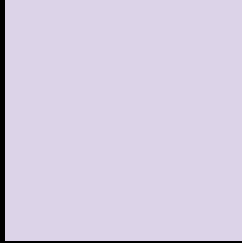
Large Text (above 18pt) WCAG AA × Fail

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 216.0850, 7.8461, 3.4335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

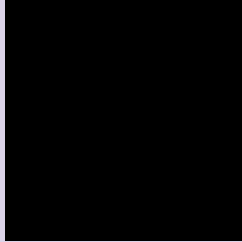
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

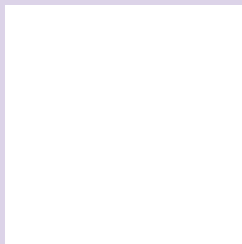
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 216.0850, 7.8461, 3.4335

Background



This preview shows how black text looks on a background with the YUV color 216.0850, 7.8461, 3.4335.



This preview shows how white text looks on a background with the YUV color 216.0850, 7.8461,

3.4335.

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

216.0850, 7.8461, 3.4335

Protanopia

215.2800, 8.7360, -1.9996

Deuteranopia

217.0040, 7.3930, 8.7665



Tritanopia

215.9170, 5.9569, 2.7038

Trichromacy



Original Color

216.0850, 7.8461, 3.4335

Protanomaly

215.5900, 8.5831, 0.3596

Deuteranomaly

216.6940, 7.5459, 6.4074

Tritanomaly

216.0310, 6.3937, 2.6038

Monochromacy



Original Color

216.0850, 7.8461, 3.4335

Achromatopsia

216.0000, 0.0000, 0.0000

Achromatomaly

215.8090, 3.0522, 1.0445

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.0850, 7.8461, 3.4335 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, 211, 232)` looks like.

```
.text, #text, p{  
    color:rgb(220, 211, 232)  
}
```

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, 211, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 211, 232) }
```

Border

The CSS property to change the border of an element to YUV 216.0850, 7.8461, 3.4335 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, 211, 232) }
```


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

```
.border{ border-color:rgb(220, 211, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 211, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 211, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 211, 232);  
box-shadow:4px 4px 4px 4px rgb(220, 211,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 216.0850, 7.8461, 3.4335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 211, 232) }
```

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

```
.background{ background-color: rgb(220,  
211, 232) }
```

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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