

Converting Colors

YUV(213.6860, -0.3382,
15.1844)

Have a look what the booklet for
YUV(213.6860, -0.3382, 15.1844)
contains.

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Color

**YUV(213.6860, -0.3382,
15.1844)**

Conversions

Conversions Part 1

Format	Color
Hex	E7CDD5
RGB	231, 205, 213
RGB Percent	91%, 80%, 84%
CMY	0.0941, 0.1961, 0.1647
CMYK	0.00, 0.11, 0.08, 0.09
HSL	342°, 35%, 85%
HSV	342°, 11%, 91%
XYZ	66.7966, 65.4557, 72.0644
YIQ	213.6860, 12.9280, 8.0000

Conversions

Conversions Part 2

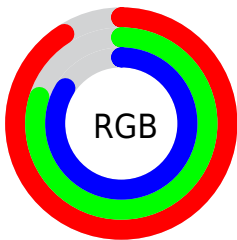
Format	Color
R _Y B	231, 205, 213
Decimal	15191509
CIE Lab	84.72, 10.41, -0.64
CIE LCh	85, 10.428, 356.466
Yxy	65.4557, 0.3269, 0.3204
Android (android.graphics.Color)	4293381589 (0xFFE7CDD5)
YUV	213.6860, -0.3382, 15.1844
Hunter-Lab	80.9047, 5.7901, 3.8217

Details

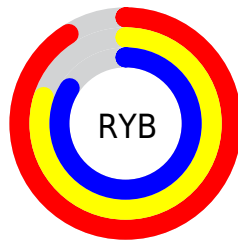
The YUV color $213.6860, -0.3382, 15.1844$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $222.3140, 0.3382, -15.1844$, and the grayscale version is $214.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $158.9740, -0.4802, 14.0548$ is the 20% darker color. If you saturate the color by 10%, you get $198.3610, -0.6710, 28.6244$, and if you desaturate by 10%, it is $229.0110, -0.0054, 1.7444$.

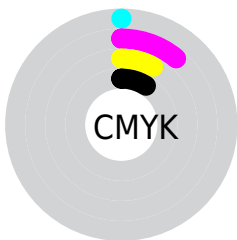
Distribution



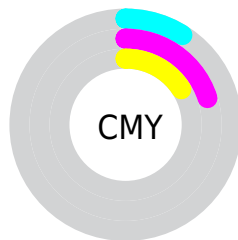
- Red (91%)
- Green (80%)
- Blue (84%)



- Red (91%)
- Yellow (80%)
- Blue (84%)



- Cyan (0%)
- Magenta (11%)
- Yellow (8%)
- Black (9%)



- Cyan (9%)
- Magenta (20%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.6860, -0.3382, 15.1844 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 213.6860, -0.3382, 15.1844 by changing the saturation by 10% instead.

213.6860, -0.3382,
15.1844

213.6860, -0.3382,
15.1844

255.0000, 0.0000,
0.0000

186.2730, -0.6276,
14.6696

158.9740, -0.4802,
14.0548

132.9740, -0.4802,
14.0548

107.6750, -0.3328,
13.4400

83.3760, -0.1854,
12.8252

60.0770, -0.0380,
12.2105

38.3650, -0.1799,

11.0809

■ 16.3050, 0.8356,
12.0105

■ 0.0000, 0.0000,
0.0000

■ 213.6860, -0.3382,
15.1844

■ 213.6860, -0.3382,
15.1844

■ 198.3610, -0.6710,
28.6244

■ 229.0110, -0.0054,
1.7444

■ 183.0360, -1.0037,
42.0644

■ 244.3360, 0.3274,
-11.6957

■ 167.7110, -1.3365,
55.5045

■ 247.8240, 3.5378,
-14.7546

■ 152.3860, -1.6693,
68.9445

■ 137.0610, -2.0021,
82.3845

■ 121.1490, -2.0455,
96.3393

■ 105.8240, -2.3782,
109.7794

■ 90.4990, -2.7110,
123.2194

■ 77.1630, -3.0384,
134.9150

Harmonies

Analogous

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



213.4940, 4.1935, 8.3368



213.6860, -0.3382, 15.1844



213.1440, -5.0010, 17.4137

Triad

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



213.6860, -0.3382, 15.1844



210.5240, -8.1463, -0.4595



209.1920, 8.7793, -15.9544

Complementary

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



213.6860, -0.3382, 15.1844



222.3140, 0.3382, -15.1844

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.



208.3720, 5.7326, -18.7432



213.6860, -0.3382, 15.1844



209.0930, -4.4828, -8.8516

Square

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



213.6860, -0.3382, 15.1844



211.2370, -9.4838, 8.5622



208.1290, 0.9224, -15.8991



211.1650, 9.7787, -9.7917

Rectangle

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



213.6860, -0.3382, 15.1844



212.5630, -7.1796, 16.1692



208.1290, 0.9224, -15.8991



208.9530, 7.9112, -17.4988

Sweetspot

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



213.6860, -0.3382, 15.1844



249.7340, 0.1311, 4.6183



213.3460, 8.7034, 8.4666



124.0220, -0.0108, 3.4887



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.



213.6860, -0.3382, 15.1844



231.0180, -0.5019, 21.0322



215.7090, -5.2795, 13.4102



107.0440, -0.0217, 6.9774



59.7910, -2.3620, 104.5463



17.0730, -0.5290, 29.7540

Inverse Universe

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



213.6860, -0.3382, 15.1844



231.0180, -0.5019, 21.0322



220.2910, 5.2795, -13.4102



107.0440, -0.0217, 6.9774



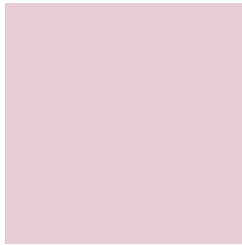
59.7910, -2.3620, 104.5463



17.0730, -0.5290, 29.7540

Previews

White Background



This preview shows how the YUV color 213.6860, -0.3382, 15.1844 looks on a white background.

Color Contrast Check

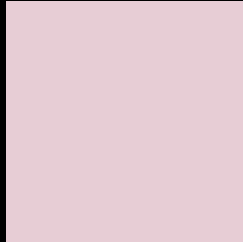
Large Text (above 18pt) WCAG AA × Fail

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 213.6860, -0.3382, 15.1844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

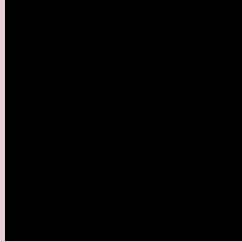
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 213.6860, -0.3382, 15.1844

Background



This preview shows how black text looks on a background with the YUV color 213.6860, -0.3382, 15.1844.

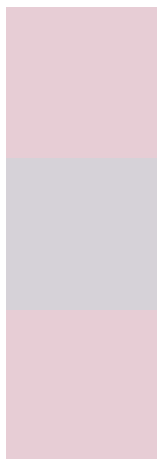


This preview shows how white text looks on a background with the YUV color 213.6860, -0.3382,

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

213.6860, -0.3382, 15.1844

Protanopia

211.8800, 2.0312, 1.8592

Deuteranopia

213.6860, -0.3382, 15.1844



Tritanopia

214.1960, 2.8614, 15.6141

Trichromacy



Original Color

213.6860, -0.3382, 15.1844

Protanomaly

212.3860, 1.2887, 6.6775

Deuteranomaly

213.6860, -0.3382, 15.1844

Tritanomaly

213.8540, 1.5510, 15.9140

Monochromacy



Original Color

213.6860, -0.3382, 15.1844

Achromatopsia

214.0000, 0.0000, 0.0000

Achromatomaly

214.0330, -0.0163, 5.2331

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.6860, -0.3382, 15.1844 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(231, 205, 213)` looks like.

```
.text, #text, p{  
    color:rgb(231, 205, 213)  
}
```

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(231, 205, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 205, 213) }
```

Border

The CSS property to change the border of an element to YUV 213.6860, -0.3382, 15.1844 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(231, 205, 213) }
```


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

```
.border{ border-color:rgb(231, 205, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 205, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 205, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 205, 213);  
box-shadow:4px 4px 4px 4px rgb(231, 205,  
213) }
```

Background

The CSS property to change the background color of an element to YUV 213.6860, -0.3382, 15.1844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 205, 213) }
```

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

```
.background{ background-color: rgb(231,  
205, 213) }
```

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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