

Converting Colors

YUV(217.6860, -0.3382,
15.1844)

Have a look what the booklet for
YUV(217.6860, -0.3382, 15.1844)
contains.

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Color

**YUV(217.6860, -0.3382,
15.1844)**

Conversions

Conversions Part 1

Format	Color
Hex	EBD1D9
RGB	235, 209, 217
RGB Percent	92%, 82%, 85%
CMY	0.0784, 0.1804, 0.1490
CMYK	0.00, 0.11, 0.08, 0.08
HSL	342°, 39%, 87%
HSV	342°, 11%, 92%
XYZ	69.5858, 68.2729, 75.1561
YIQ	217.6860, 12.9280, 8.0000

Conversions

Conversions Part 2

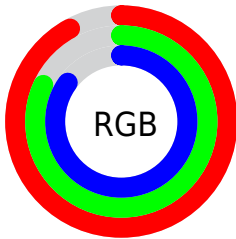
Format	Color
R _Y B	235, 209, 217
Decimal	15454681
CIE Lab	86.14, 10.37, -0.64
CIE LCh	86, 10.391, 356.447
Yxy	68.2729, 0.3267, 0.3205
Android (android.graphics.Color)	4293644761 (0xFFEBD1D9)
YUV	217.6860, -0.3382, 15.1844
Hunter-Lab	82.6274, 5.7283, 3.9103

Details

The YUV color $217.6860, -0.3382, 15.1844$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $226.3140, 0.3382, -15.1844$, and the grayscale version is $218.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $162.9740, -0.4802, 14.0548$ is the 20% darker color. If you saturate the color by 10%, you get $202.3610, -0.6710, 28.6244$, and if you desaturate by 10%, it is $233.5980, -0.2948, 1.2296$.

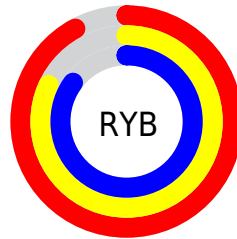
Distribution



Red (92%)

Green (82%)

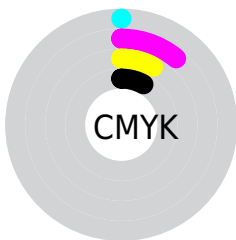
Blue (85%)



Red (92%)

Yellow (82%)

Blue (85%)

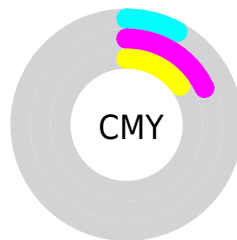


Cyan (0%)

Magenta (11%)

Yellow (8%)

Black (8%)



Cyan (8%)


Magenta (18%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the YUV color 217.6860, -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 217.6860, -0.3382, 15.1844 by changing the saturation by 10% instead.

 217.6860, -0.3382,
15.1844


 217.6860, -0.3382,
15.1844


255.0000, 0.0000,
0.0000


 189.6860, -0.3382,
15.1844

 162.9740, -0.4802,
14.0548

 136.6750, -0.3328,
13.4400

 110.7890, 0.1040,
13.3400

 86.3760, -0.1854,
12.8252

 63.0770, -0.0380,
12.2105

 41.3650, -0.1799,

11.0809

■ 20.1800, 0.4043,
10.3661

■ 0.0000, 0.0000,
0.0000

■ 217.6860, -0.3382,
15.1844

■ 217.6860, -0.3382,
15.1844

■ 202.3610, -0.6710,
28.6244

■ 233.5980, -0.2948,
1.2296

■ 186.3350, -1.1512,
42.6792

■ 248.4500, 0.7642,
-11.7956

■ 171.0100, -1.4839,
56.1192

■ 249.0200, 2.9481,
-12.2955

■ 155.0980, -1.5273,
70.0741

■ 139.7730, -1.8601,
83.5141

■ 123.7470, -2.3403,
97.5689

■ 108.4220, -2.6730,
111.0089

■ 92.5100, -2.7164,
124.9637

■ 78.4730, -3.1912,
137.2742

Harmonies

Analogous

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



217.4940, 4.1935, 8.3368



217.6860, -0.3382, 15.1844



217.1440, -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.



217.6860, -0.3382, 15.1844



214.5240, -8.1463, -0.4595



213.1920, 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.



217.6860, -0.3382, 15.1844



226.3140, 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.



212.3720, 5.7326, -18.7432



217.6860, -0.3382, 15.1844



213.0930, -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.



217.6860, -0.3382, 15.1844



215.2370, -9.4838, 8.5622



212.1290, 0.9224, -15.8991



215.1650, 9.7787, -9.7917

Rectangle

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



217.6860, -0.3382, 15.1844



216.5630, -7.1796, 16.1692



212.1290, 0.9224, -15.8991



212.9530, 7.9112, -17.4988

Sweetspot

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



217.6860, -0.3382, 15.1844



249.7340, 0.1311, 4.6183



217.3460, 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.



217.6860, -0.3382, 15.1844



233.0070, -0.4965, 19.2879



219.7090, -5.2795, 13.4102



109.6310, -0.3111, 6.4626



60.5030, -2.2200, 105.6759



17.9700, -0.9712, 31.5983

Inverse Universe

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



217.6860, -0.3382, 15.1844



233.0070, -0.4965, 19.2879



224.2910, 5.2795, -13.4102



109.6310, -0.3111, 6.4626



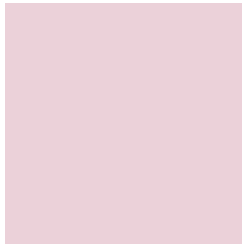
60.5030, -2.2200, 105.6759



17.9700, -0.9712, 31.5983

Previews

White Background



This preview shows how the YUV color 217.6860, -0.3382, 15.1844 looks on a white background.

Color Contrast Check

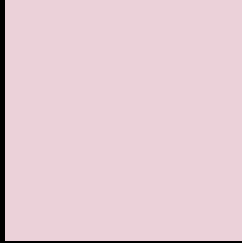
Large Text (above 18pt) WCAG AA × Fail

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 217.6860, -0.3382, 15.1844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

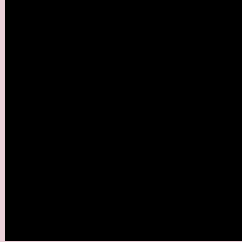
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 217.6860, -0.3382, 15.1844

Background



This preview shows how black text looks on a background with the YUV color 217.6860, -0.3382, 15.1844.

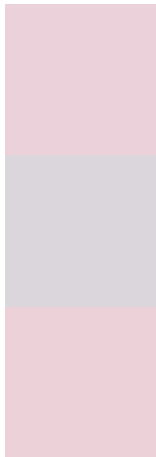


This preview shows how white text looks on a background with the YUV color 217.6860, -0.3382,

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

217.6860, -0.3382, 15.1844

Protanopia

215.8800, 2.0312, 1.8592

Deuteranopia

217.9850, -0.4856, 15.7992



Tritanopia

218.1960, 2.8614, 15.6141

Trichromacy



Original Color

217.6860, -0.3382, 15.1844

Protanomaly

216.3860, 1.2887, 6.6775

Deuteranomaly

217.9850, -0.4856, 15.7992

Tritanomaly

217.8540, 1.5510, 15.9140

Monochromacy



Original Color

217.6860, -0.3382, 15.1844

Achromatopsia

218.0000, 0.0000, 0.0000

Achromatomaly

218.0330, -0.0163, 5.2331

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.6860, -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(235, 209, 217)` looks like.

```
.text, #text, p{  
    color:rgb(235, 209, 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(235, 209, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 209, 217) }
```

Border

The CSS property to change the border of an element to YUV 217.6860, -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(235, 209, 217) }
```


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

```
.border{ border-color:rgb(235, 209, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 209, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 209, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 209, 217);  
box-shadow:4px 4px 4px 4px rgb(235, 209,  
217) }
```

Background

The CSS property to change the background color of an element to YUV 217.6860, -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(235, 209, 217) }
```

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

```
.background{ background-color: rgb(235,  
209, 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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