

Converting Colors

YUV(214.0730, -3.9800,
16.5990)

Have a look what the booklet for
YUV(214.0730, -3.9800, 16.5990)
contains.

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Color

**YUV(214.0730, -3.9800,
16.5990)**

Conversions

Conversions Part 1

Format	Color
Hex	E9CECE
RGB	233, 206, 206
RGB Percent	91%, 81%, 81%
CMY	0.0863, 0.1922, 0.1922
CMYK	0.00, 0.12, 0.12, 0.09
HSL	0°, 38%, 86%
HSV	0°, 12%, 91%
XYZ	66.8162, 65.9225, 67.5952
YIQ	214.0730, 16.0920, 5.7240

Conversions

Conversions Part 2

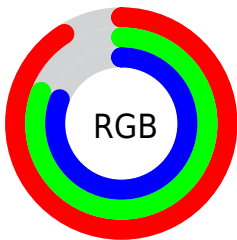
Format	Color
R _Y B	233, 206, 206
Decimal	15322830
CIE Lab	84.96, 9.42, 3.45
CIE LCh	85, 10.034, 20.107
Yxy	65.9225, 0.3335, 0.3291
Android (android.graphics.Color)	4293512910 (0xFFE9CECE)
YUV	214.0730, -3.9800, 16.5990
Hunter-Lab	81.1927, 4.8065, 7.4742

Details

The YUV color $214.0730, -3.9800, 16.5990$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $224.9270, 3.9800, -16.5990$, 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 $159.4750, -3.6852, 15.3694$ is the 20% darker color. If you saturate the color by 10%, you get $197.9500, -7.3703, 30.7389$, and if you desaturate by 10%, it is $230.1960, -0.5896, 2.4591$.

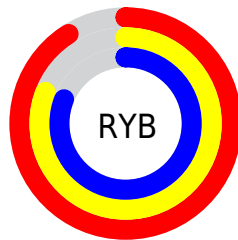
Distribution



Red (91%)

Green (81%)

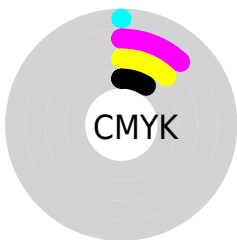
Blue (81%)



Red (91%)

Yellow (81%)

Blue (81%)

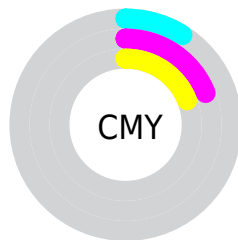


Cyan (0%)

Magenta (12%)

Yellow (12%)

Black (9%)



Cyan (9%)

Magenta (19%)

Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the YUV color 214.0730, -3.9800, 16.5990 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 214.0730, -3.9800, 16.5990 by changing the saturation by 10% instead.


 214.0730, -3.9800,
16.5990

 214.0730, -3.9800,
16.5990


255.0000, 0.0000,
0.0000


 186.1870, -3.5432,
16.4990

 159.4750, -3.6852,
15.3694

 133.1760, -3.5378,
14.7546

 107.8770, -3.3904,
14.1399

 83.5780, -3.2430,
13.5251

 60.2790, -3.0955,
12.9103

 38.6810, -2.8007,

11.6808

■ 16.5780, -3.2430,
13.5251

■ 0.0000, 0.0000,
0.0000

■ 214.0730, -3.9800,
16.5990

■ 214.0730, -3.9800,
16.5990

■ 197.9500, -7.3703,
30.7389

■ 230.1960, -0.5896,
2.4591

■ 181.1260,
-10.9081, 45.4935

■ 247.0200, 2.9481,
-12.2955

■ 165.0030,
-14.2985, 59.6334

■ 248.4220, 3.2430,
-13.5251

■ 148.8800,
-17.6888, 73.7732

■ 132.7570,
-21.0792, 87.9131

■ 115.9330,
-24.6170, 102.6678

■ 99.8100, -28.0073,
116.8076

■ 83.6870, -31.3977,
130.9475

■ 69.6670, -34.3458,
143.2430

Harmonies

Analogous

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



214.3160, 0.8302, 13.7549



214.0730, -3.9800, 16.5990



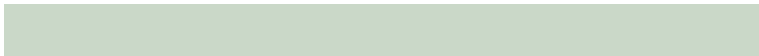
213.7370, -7.7583, 15.1397

Triad

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



214.0730, -3.9800, 16.5990



209.9900, -4.9251, -7.0072



211.4530, 9.6367, -10.9213

Complementary

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



214.0730, -3.9800, 16.5990



224.9270, 3.9800, -16.5990

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.



209.6650, 8.0532, -16.3692



214.0730, -3.9800, 16.5990



209.4990, -0.2460, -14.4696

Square

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



214.0730, -3.9800, 16.5990



211.4210, -8.5886, 1.3848



209.3290, 4.2748, -17.8285



212.8670, 8.4466, -2.5144

Rectangle

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



214.0730, -3.9800, 16.5990



212.4870, -8.6211, 11.8509



209.3290, 4.2748, -17.8285



211.0290, 9.3527, -13.1804

Sweetspot

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



214.0730, -3.9800, 16.5990



249.3920, -1.1793, 4.9182



217.1510, 7.8136, 13.8996



123.7940, -0.8844, 3.6887



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.



214.0730, -3.9800, 16.5990



229.7640, -5.3067, 22.1320



222.2910, -8.0315, 9.3918



109.2890, -1.6215, 6.7625



54.1190, -26.6807, 111.2746



16.1460, -7.9600, 33.1980

Inverse Universe

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



224.9270, 3.9800, -16.5990



244.2360, 5.3067, -22.1320



217.2960, 7.7421, -9.9066



113.7110, 1.6215, -6.7625



126.8810, 26.6807, -111.2746



37.8540, 7.9600, -33.1980

Previews

White Background



This preview shows how the YUV color 214.0730, -3.9800, 16.5990 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 214.0730, -3.9800, 16.5990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

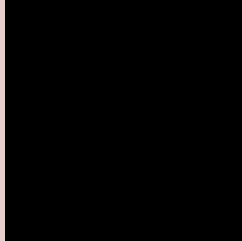
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 214.0730, -3.9800, 16.5990

Background



This preview shows how black text looks on a background with the YUV color 214.0730, -3.9800, 16.5990.

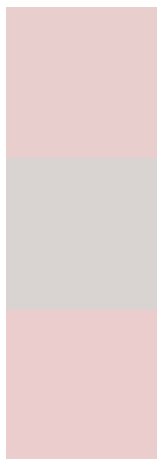


This preview shows how white text looks on a background with the YUV color 214.0730, -3.9800,

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

214.0730, -3.9800, 16.5990

Protanopia

212.5660, -1.7580, 3.8886

Deuteranopia

214.0840, -3.9854, 18.3433



Tritanopia

215.0930, 2.4192, 17.4584

Trichromacy



Original Color

214.0730, -3.9800, 16.5990

Protanomaly

213.0720, -2.5005, 8.7069

Deuteranomaly

213.7850, -3.8380, 17.7286

Tritanomaly

214.8110, 0.0932, 16.8288

Monochromacy



Original Color

214.0730, -3.9800, 16.5990

Achromatopsia

214.0000, 0.0000, 0.0000

Achromatomaly

213.9900, -1.4741, 6.1478

CSS Examples

Text

The CSS property to change the color of the text to YUV 214.0730, -3.9800, 16.5990 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(233, 206, 206)` looks like.

```
.text, #text, p{  
    color:rgb(233, 206, 206)  
}
```

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(233, 206, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 206, 206) }
```

Border

The CSS property to change the border of an element to YUV 214.0730, -3.9800, 16.5990 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(233, 206, 206) }
```


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

```
.border{ border-color:rgb(233, 206, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 206, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 206, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 206, 206);  
box-shadow:4px 4px 4px 4px rgb(233, 206,  
206) }
```

Background

The CSS property to change the background color of an element to YUV 214.0730, -3.9800, 16.5990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 206, 206) }
```

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

```
.background{ background-color: rgb(233,  
206, 206) }
```

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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