

Converting Colors

YUV(213.4300, -15.4950,
23.3019)

Have a look what the booklet for
YUV(213.4300, -15.4950, 23.3019)
contains.

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Color

**YUV(213.4300, -15.4950,
23.3019)**

Conversions

Conversions Part 1

Format	Color
Hex	F0CEB6
RGB	240, 206, 182
RGB Percent	94%, 81%, 71%
CMY	0.0588, 0.1922, 0.2863
CMYK	0.00, 0.14, 0.24, 0.06
HSL	25°, 66%, 83%
HSV	25°, 24%, 94%
XYZ	66.4500, 66.0453, 53.5017
YIQ	213.4300, 27.9680, -0.2560

Conversions

Conversions Part 2

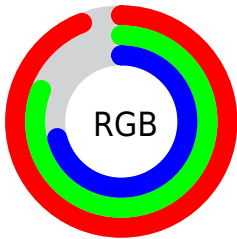
Format	Color
R_{YB}	240, 223, 182
Decimal	15781558
CIE _{Lab}	85.02, 8.34, 16.35
CIE _{LCh}	85, 18.354, 62.978
Yxy	66.0453, 0.3573, 0.3551
Android (android.graphics.Color)	4293971638 (0xFFFF0CEB6)
YUV	213.4300, -15.4950, 23.3019
Hunter-Lab	81.2682, 3.7333, 17.8551

Details

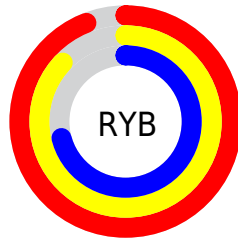
The YUV color $213.4300, -15.4950, 23.3019$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $208.5700, 15.4950, -23.3019$, and the grayscale version is $214.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.0620, -7.4256, 1.6996$, and $158.6470, -14.6160, 21.3576$ is the 20% darker color. If you saturate the color by 10%, you get $202.4760, -21.9267, 32.9085$, and if you desaturate by 10%, it is $224.3840, -9.0633, 13.6952$.

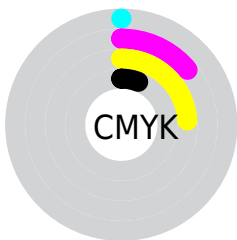
Distribution



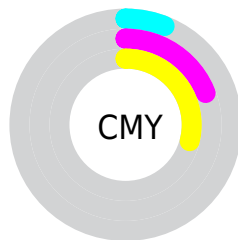
- Red (94%)
- Green (81%)
- Blue (71%)



- Red (94%)
- Yellow (87%)
- Blue (71%)



- Cyan (0%)
- Magenta (14%)
- Yellow (24%)
- Black (6%)





- Cyan (6%)
- Magenta (19%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the YUV color 213.4300, -15.4950, 23.3019 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 213.4300, -15.4950, 23.3019 by changing the saturation by 10% instead.

 213.4300,
-15.4950, 23.3019


 213.4300,
-15.4950, 23.3019


255.0000, 0.0000,
0.0000


 185.8320,
-15.2002, 22.0723


 253.0620, -7.4256,
1.6996

 158.6470,
-14.6160, 21.3576

 132.4620,
-14.0318, 20.6428

 106.9780,
-13.3002, 19.3133

 82.7930, -12.7159,
18.5985

 59.3090, -11.9843,
17.2690

 37.4120, -11.5421,

15.4247

■ 16.3240, -8.0477,
14.6249

■ 0.0000, 0.0000,
0.0000

■ 213.4300,
-15.4950, 23.3019

■ 213.4300,
-15.4950, 23.3019

■ 202.4760,
-21.9267, 32.9085

■ 224.3840, -9.0633,
13.6952

■ 191.5220,
-28.3583, 42.5152

■ 235.3380, -2.6316,
4.0886

■ 180.5680,
-34.7900, 52.1219

■ 246.2920, 3.8000,
-5.5181

■ 169.6140,
-41.2217, 61.7285

■ 250.5150, 2.2111,
-9.2217

■ 158.6600,
-47.6534, 71.3352

■ 147.7060,
-54.0851, 80.9418

■ 136.7520,
-60.5167, 90.5485

■ 129.8730,
-64.0274, 96.5814

Harmonies

Analogous

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



214.8420, -10.2751, 29.0796



213.4300, -15.4950, 23.3019



211.7120, -16.6200, 10.7766

Triad

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



213.4300, -15.4950, 23.3019



206.3120, 3.2972, -30.9686



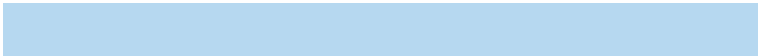
214.1650, 13.2297, 3.3633

Complementary

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



213.4300, -15.4950, 23.3019



208.5700, 15.4950, -23.3019

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.



211.4940, 17.5045, -14.4652



213.4300, -15.4950, 23.3019



206.5810, 12.0386, -34.7125

Square

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



213.4300, -15.4950, 23.3019



207.6850, -5.7607, -19.0177



208.2920, 17.1110, -28.3201



215.4290, 6.1975, 18.9178

Rectangle

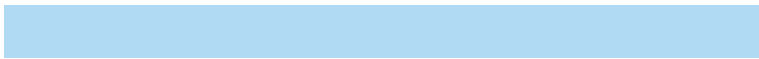
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



213.4300, -15.4950, 23.3019



210.1130, -14.8457, 1.6549



208.2920, 17.1110, -28.3201



213.2890, 15.1405, -2.8845

Sweetspot

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



213.4300, -15.4950, 23.3019



247.0780, -4.9685, 6.9476



203.3320, 6.7383, 32.1578



123.2240, -3.0684, 4.1886



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.



213.4300, -15.4950, 23.3019



221.3230, -19.8792, 29.5347



229.8660, -23.5979, 8.8875



114.5230, -3.2158, 4.8033



99.6280, -49.1166, 73.9942



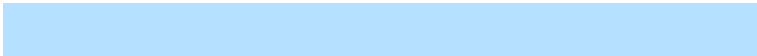
30.2450, -14.9108, 22.5871

Inverse Universe

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



208.5700, 15.4950, -23.3019



214.6770, 19.8792, -29.5347



192.1340, 23.5979, -8.8875



113.4770, 3.2158, -4.8033



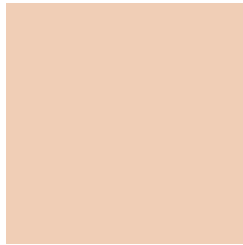
84.3720, 49.1166, -73.9942



25.7550, 14.9108, -22.5871

Previews

White Background



This preview shows how the YUV color 213.4300, -15.4950, 23.3019 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 213.4300, -15.4950, 23.3019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

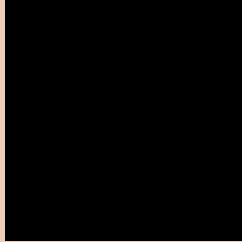
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 213.4300, -15.4950, 23.3019

Background



This preview shows how black text looks on a background with the YUV color 213.4300, -15.4950, 23.3019.



This preview shows how white text looks on a background with the YUV color 213.4300, -15.4950, 23.3019.

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

213.4300, -15.4950, 23.3019

Protanopia

212.2110, -13.4150, 9.4620

Deuteranopia

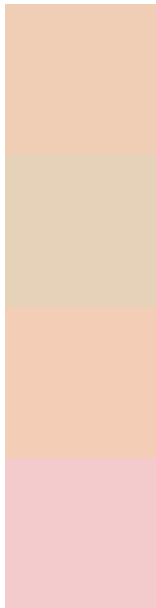
214.0390, -15.7952, 26.2758



Tritanopia

215.6810, 0.6503, 24.8358

Trichromacy



Original Color

213.4300, -15.4950, 23.3019

Protanomaly

212.7170, -14.1575, 14.2802

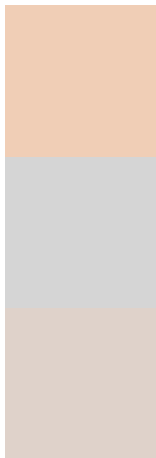
Deuteranomaly

213.7400, -15.6478, 25.6610

Tritanomaly

215.0740, -5.4595, 24.4911

Monochromacy



Original Color

213.4300, -15.4950, 23.3019

Achromatopsia

213.0000, 0.0000, 0.0000

Achromatomaly

212.9750, -5.4107, 8.7919

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.4300, -15.4950, 23.3019 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(240, 206, 182)` looks like.

```
.text, #text, p{  
    color:rgb(240, 206, 182)  
}
```

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(240, 206, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 206, 182) }
```

Border

The CSS property to change the border of an element to YUV 213.4300, -15.4950, 23.3019 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(240, 206, 182) }
```


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

```
.border{ border-color:rgb(240, 206, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 206, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 206, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 206, 182);  
box-shadow:4px 4px 4px 4px rgb(240, 206,  
182) }
```

Background

The CSS property to change the background color of an element to YUV 213.4300, -15.4950, 23.3019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 206, 182) }
```

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

```
.background{ background-color: rgb(240,  
206, 182) }
```

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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