

Converting Colors

YUV(216.1310, -15.3476,
22.6871)

Have a look what the booklet for
YUV(216.1310, -15.3476, 22.6871)
contains.

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Color

**YUV(216.1310, -15.3476,
22.6871)**

Conversions

Conversions Part 1

Format	Color
Hex	F2D1B9
RGB	242, 209, 185
RGB Percent	95%, 82%, 73%
CMY	0.0510, 0.1804, 0.2745
CMYK	0.00, 0.14, 0.24, 0.05
HSL	25°, 69%, 84%
HSV	25°, 24%, 95%
XYZ	68.1754, 67.9810, 55.4273
YIQ	216.1310, 27.3720, -0.4680

Conversions

Conversions Part 2

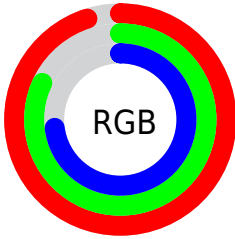
Format	Color
RYB	242, 226, 185
Decimal	15913401
CIELab	86.00, 7.93, 16.16
CIElCh	86, 18.006, 63.857
Yxy	67.9810, 0.3559, 0.3548
Android (android.graphics.Color)	4294103481 (0xFFFF2D1B9)
YUV	216.1310, -15.3476, 22.6871
Hunter-Lab	82.4506, 3.3067, 17.8577

Details

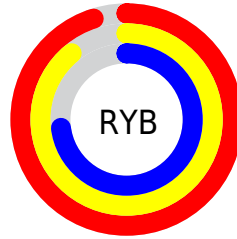
The YUV color $216.1310, -15.3476, 22.6871$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $210.8690, 15.3476, -22.6871$, and the grayscale version is $216.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.4040, -6.1152, 1.3997$, and $161.3480, -14.4686, 20.7428$ is the 20% darker color. If you saturate the color by 10%, you get $205.1770, -21.7793, 32.2938$, and if you desaturate by 10%, it is $227.0850, -8.9159, 13.0805$.

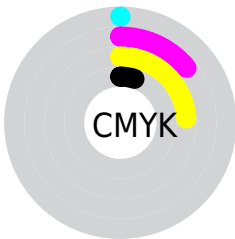
Distribution



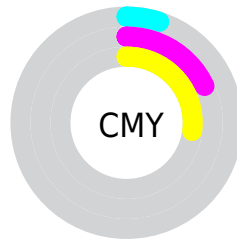
- Red (95%)
- Green (82%)
- Blue (73%)



- Red (95%)
- Yellow (89%)
- Blue (73%)



- Cyan (0%)
- Magenta (14%)
- Yellow (24%)
- Black (5%)





- Cyan (5%)
- Magenta (18%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.1310, -15.3476, 22.6871 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 216.1310, -15.3476, 22.6871 by changing the saturation by 10% instead.


 216.1310,
-15.3476, 22.6871


 216.1310,
-15.3476, 22.6871


255.0000, 0.0000,
0.0000


 187.9460,
-14.7634, 21.9724


 253.4040, -6.1152,
1.3997

 161.3480,
-14.4686, 20.7428

 135.1630,
-13.8844, 20.0280

 109.5650,
-13.5895, 18.7985

 84.4940, -12.5685,
17.9838

 61.5970, -12.1263,
16.1394

 39.2270, -10.9579,

14.7099

■ 18.6830, -9.2107,
14.3100

■ 0.0000, 0.0000,
0.0000

■ 216.1310,
-15.3476, 22.6871

■ 216.1310,
-15.3476, 22.6871

■ 205.1770,
-21.7793, 32.2938

■ 227.0850, -8.9159,
13.0805

■ 194.2230,
-28.2109, 41.9004

■ 238.0390, -2.4842,
3.4738

■ 183.1550,
-35.0794, 51.6071

■ 248.7650, 3.0739,
-5.9329

■ 172.2010,
-41.5111, 61.2137

■ 251.1130, 1.9163,
-7.9921

■ 161.2470,
-47.9428, 70.8204

■ 150.2930,
-54.3744, 80.4270

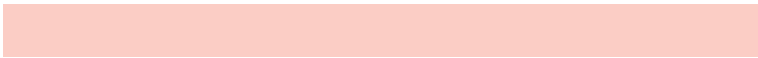
■ 139.3390,
-60.8061, 90.0337

■ 132.2320,
-65.1904, 96.2665

Harmonies

Analogous

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



217.8420, -10.2751, 29.0796



216.1310, -15.3476, 22.6871



214.7120, -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.



216.1310, -15.3476, 22.6871



208.8390, 4.0234, -30.5538



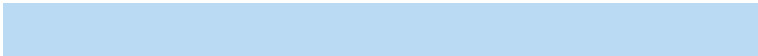
217.0510, 12.7929, 3.4633

Complementary

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



216.1310, -15.3476, 22.6871



210.8690, 15.3476, -22.6871

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.



214.6790, 16.9203, -13.7505



216.1310, -15.3476, 22.6871



209.1790, 11.7438, -33.4830

Square

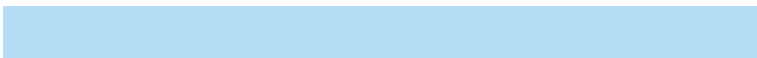
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



216.1310, -15.3476, 22.6871



210.5000, -5.1765, -19.7325



211.4770, 16.5268, -27.6053



218.0160, 5.9081, 18.4030

Rectangle

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



216.1310, -15.3476, 22.6871



212.9280, -14.2615, 0.9401



211.4770, 16.5268, -27.6053



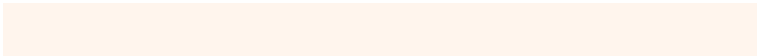
216.4740, 14.5563, -2.1697

Sweetspot

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



216.1310, -15.3476, 22.6871



247.0780, -4.9685, 6.9476



205.8050, 6.0121, 31.7430



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.



216.1310, -15.3476, 22.6871



222.8390, -19.1476, 28.2052



232.5670, -23.4505, 8.2727



114.5230, -3.2158, 4.8033



100.2150, -49.4060, 73.4794



30.8320, -15.2002, 22.0723

Inverse Universe

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



210.8690, 15.3476, -22.6871



216.1610, 19.1476, -28.2052



194.4330, 23.4505, -8.2727



113.4770, 3.2158, -4.8033



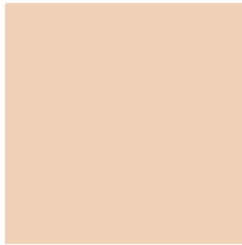
83.1980, 49.6954, -72.9646



25.1680, 15.2002, -22.0723

Previews

White Background



This preview shows how the YUV color 216.1310, -15.3476, 22.6871 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 216.1310, -15.3476, 22.6871 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

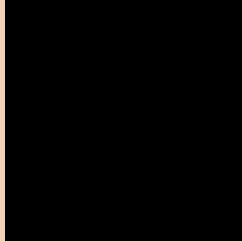
Any Text WCAG AA ✓ Pass

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 216.1310, -15.3476, 22.6871 Background



This preview shows how black text looks on a background with the YUV color 216.1310, -15.3476, 22.6871.



This preview shows how white text looks on a background with the YUV color 216.1310, -15.3476, 22.6871.

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

216.1310, -15.3476, 22.6871

Protanopia

214.9120, -13.2676, 8.8472

Deuteranopia

216.4520, -15.5058, 26.7906



Tritanopia

218.3820, 0.7977, 24.2210

Trichromacy



Original Color

216.1310, -15.3476, 22.6871

Protanomaly

215.4180, -14.0101, 13.6654

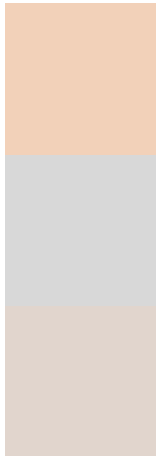
Deuteranomaly

216.4410, -15.5004, 25.0462

Tritanomaly

217.7750, -5.3121, 23.8763

Monochromacy



Original Color

216.1310, -15.3476, 22.6871

Achromatopsia

216.0000, 0.0000, 0.0000

Achromatomaly

215.6760, -5.2633, 8.1771

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.1310, -15.3476, 22.6871 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(242, 209, 185)` looks like.

```
.text, #text, p{  
    color:rgb(242, 209, 185)  
}
```

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(242, 209, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 209, 185) }
```

Border

The CSS property to change the border of an element to YUV 216.1310, -15.3476, 22.6871 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(242, 209, 185) }
```


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

```
.border{ border-color:rgb(242, 209, 185) }
```

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

Here you see how a box with a 4 pixel rgb(242, 209, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 209, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 209, 185);  
box-shadow:4px 4px 4px 4px rgb(242, 209,  
185) }
```

Background

The CSS property to change the background color of an element to YUV 216.1310, -15.3476, 22.6871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 209, 185) }
```

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

```
.background{ background-color: rgb(242,  
209, 185) }
```

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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