

Converting Colors

YUV(216.2190, -18.8420,
23.4869)

Have a look what the booklet for
YUV(216.2190, -18.8420, 23.4869)
contains.

YUV(216.2190, -18.8420, 23.4869)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(216.2190, -18.8420,
23.4869)**

Conversions

Conversions Part 1

Format	Color
Hex	F3D2B2
RGB	243, 210, 178
RGB Percent	95%, 82%, 70%
CMY	0.0471, 0.1765, 0.3020
CMYK	0.00, 0.14, 0.27, 0.05
HSL	30°, 73%, 83%
HSV	30°, 27%, 95%
XYZ	68.0446, 68.3622, 51.7284
YIQ	216.2190, 29.9400, -2.9560

Conversions

Conversions Part 2

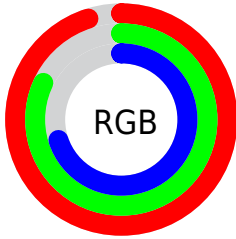
Format	Color
R _Y B	243, 241, 178
Decimal	15979186
CIE Lab	86.19, 6.83, 20.13
CIE LCh	86, 21.253, 71.263
Yxy	68.3622, 0.3617, 0.3634
Android (android.graphics.Color)	4294169266 (0xFFFF3D2B2)
YUV	216.2190, -18.8420, 23.4869
Hunter-Lab	82.6815, 2.2082, 20.7831

Details

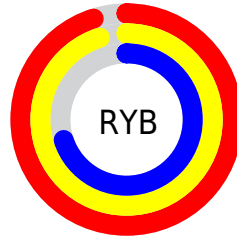
The YUV color $216.2190, -18.8420, 23.4869$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $204.7810, 18.8420, -23.4869$, and the grayscale version is $216.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.6060, -9.1728, 2.0995$, and $161.4360, -17.9629, 21.5426$ is the 20% darker color. If you saturate the color by 10%, you get $206.4390, -25.8524, 32.0640$, and if you desaturate by 10%, it is $225.9990, -11.8315, 14.9099$.

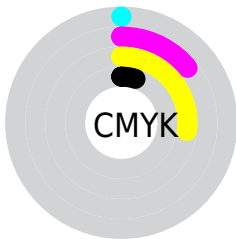
Distribution



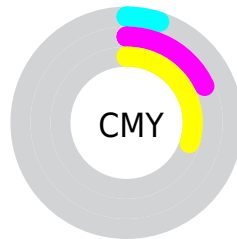
- Red (95%)
- Green (82%)
- Blue (70%)



- Red (95%)
- Yellow (95%)
- Blue (70%)



- Cyan (0%)
- Magenta (14%)
- Yellow (27%)
- Black (5%)





- Cyan (5%)
- Magenta (18%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.2190, -18.8420, 23.4869 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 216.2190, -18.8420, 23.4869 by changing the saturation by 10% instead.


 216.2190,
-18.8420, 23.4869


 216.2190,
-18.8420, 23.4869

255.0000, 0.0000,
0.0000


 188.0340,
-18.2578, 22.7722


 252.6060, -9.1728,
2.0995

 161.4360,
-17.9629, 21.5426

 135.2510,
-17.3787, 20.8279

 109.1800,
-16.3577, 20.0131

 84.6960, -15.6261,
18.6836

 61.2120, -14.8945,
17.3541

 39.2010, -14.8891,

15.6097

■ 18.9710, -9.3527,
13.1804

■ 0.0000, 0.0000,
0.0000

■ 216.2190,
-18.8420, 23.4869

■ 216.2190,
-18.8420, 23.4869

■ 206.4390,
-25.8524, 32.0640

■ 225.9990,
-11.8315, 14.9099

■ 195.9580,
-33.0103, 41.2558

■ 236.4800, -4.6736,
5.7180

■ 186.1780,
-40.0208, 49.8329

■ 246.2600, 2.3368,
-2.8590

■ 176.3980,
-47.0312, 58.4100

■ 251.4120, 1.7689,
-7.3773

■ 165.9170,
-54.1891, 67.6018

■ 156.1370,
-61.1995, 76.1789

■ 146.3570,
-68.2100, 84.7559

■ 143.0970,
-70.5468, 87.6149

Harmonies

Analogous

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



217.6530, -13.6329, 32.7533



216.2190, -18.8420, 23.4869



214.1200, -18.7932, 7.7878

Triad

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



216.2190, -18.8420, 23.4869



207.7070, 7.5394, -38.3310



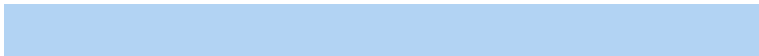
218.6110, 13.5028, 9.1112

Complementary

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



216.2190, -18.8420, 23.4869



204.7810, 18.8420, -23.4869

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.



215.9720, 19.2408, -11.3764



216.2190, -18.8420, 23.4869



208.8730, 15.8386, -40.2306

Square

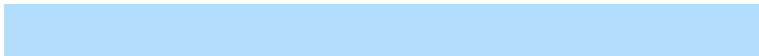
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



216.2190, -18.8420, 23.4869



209.2110, -3.5550, -26.4950



211.7910, 20.3160, -29.6347



219.4190, 4.7234, 25.0655

Rectangle

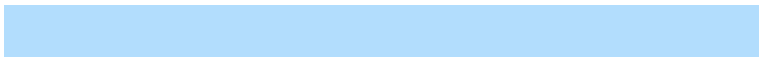
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



216.2190, -18.8420, 23.4869



212.5530, -15.5556, -3.9930



211.7910, 20.3160, -29.6347



217.5500, 15.9978, 2.1486

Sweetspot

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



216.2190, -18.8420, 23.4869



246.8500, -5.8420, 7.1476



201.3110, 5.2697, 36.5613



122.4090, -3.6526, 4.9033



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.



216.2190, -18.8420, 23.4869



221.5850, -23.9524, 29.3050



235.0030, -28.1025, 7.0134



117.1100, -3.5052, 4.2885



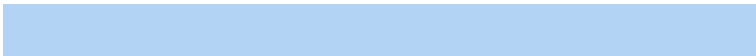
109.6180, -54.0417, 66.9870



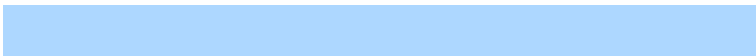
34.6640, -17.0894, 21.3427

Inverse Universe

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



204.7810, 18.8420, -23.4869



207.0020, 23.6630, -29.8198



185.9970, 28.1025, -7.0134



114.8900, 3.5052, -4.2885



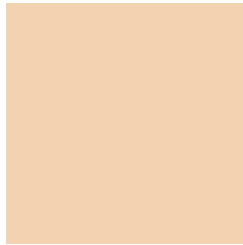
76.9690, 53.7523, -67.5018



24.3360, 17.0894, -21.3427

Previews

White Background



This preview shows how the YUV color 216.2190, -18.8420, 23.4869 looks on a white background.

Color Contrast Check

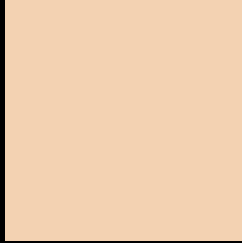
Large Text (above 18pt) WCAG AA × Fail

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 216.2190, -18.8420, 23.4869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

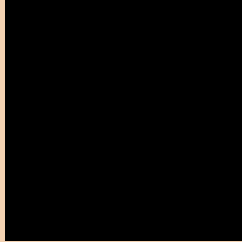
Any Text WCAG AA ✓ Pass

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 216.2190, -18.8420, 23.4869 Background



This preview shows how black text looks on a background with the YUV color 216.2190, -18.8420, 23.4869.



This preview shows how white text looks on a background with the YUV color 216.2190, -18.8420, 23.4869.

23.4869.

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

216.2190, -18.8420, 23.4869

Protanopia

215.0110, -16.7674, 11.3914

Deuteranopia

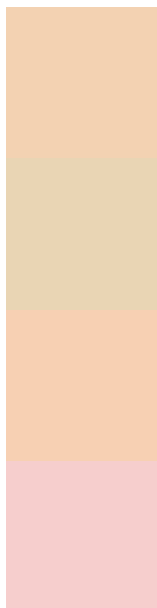
216.6650, -18.5688, 29.2348



Tritanopia

218.9800, 0.5029, 25.4505

Trichromacy



Original Color

216.2190, -18.8420, 23.4869

Protanomaly

215.2180, -17.3625, 15.5948

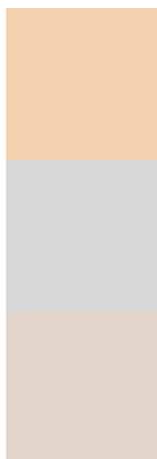
Deuteranomaly

216.3550, -18.4160, 26.8757

Tritanomaly

217.8460, -6.3331, 24.6911

Monochromacy



Original Color

216.2190, -18.8420, 23.4869

Achromatopsia

216.0000, 0.0000, 0.0000

Achromatomaly

216.2200, -7.0105, 8.5771

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.2190, -18.8420, 23.4869 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(243, 210, 178)` looks like.

```
.text, #text, p{  
    color:rgb(243, 210, 178)  
}
```

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(243, 210, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 210, 178) }
```

Border

The CSS property to change the border of an element to YUV 216.2190, -18.8420, 23.4869 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(243, 210, 178) }
```


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

```
.border{ border-color:rgb(243, 210, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 210, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 210, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 210, 178);  
box-shadow:4px 4px 4px 4px rgb(243, 210,  
178) }
```

Background

The CSS property to change the background color of an element to YUV 216.2190, -18.8420, 23.4869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 210, 178) }
```

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

```
.background{ background-color: rgb(243,  
210, 178) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor