

# Converting Colors

YUV(216.1830, -24.2472,  
30.5345)

Have a look what the booklet for  
YUV(216.1830, -24.2472, 30.5345)  
contains.

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# Color

**YUV(216.1830, -24.2472,  
30.5345)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FBD0A7
RGB	251, 208, 167
RGB Percent	98%, 82%, 65%
CMY	0.0157, 0.1843, 0.3451
CMYK	0.00, 0.17, 0.33, 0.02
HSL	29°, 91%, 82%
HSV	29°, 33%, 98%
XYZ	69.3146, 68.4110, 46.1106
YIQ	216.1830, 38.7890, -3.6350

# Conversions

## Conversions Part 2

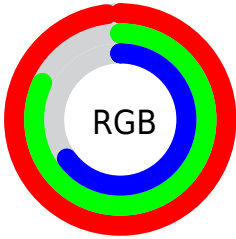
Format	Color
<a href="#">RYB</a>	<a href="#">251, 247, 167</a>
Decimal	<a href="#">16502951</a>
CIELab	<a href="#">86.21, 9.49, 26.04</a>
CIElCh	<a href="#">86, 27.711, 69.978</a>
Yxy	<a href="#">68.4110, 0.3770, 0.3721</a>
Android (android.graphics.Color)	<a href="#">4294693031 (0xFFFB0A7)</a>
YUV	<a href="#">216.1830, -24.2472, 30.5345</a>
Hunter-Lab	<a href="#">82.7109, 4.8449, 24.8440</a>

# Details

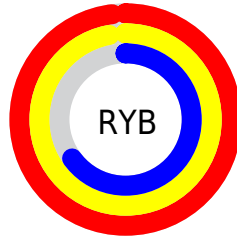
The YUV color  $216.1830, -24.2472, 30.5345$  is a light color, and the websafe version is hex  $\text{FFCC99}$ . A complement of this color would be  $201.8170, 24.2472, -30.5345$ , and the grayscale version is  $216.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $251.2380, -14.4143, 3.2993$ , and  $161.2150, -22.7840, 27.8754$  is the 20% darker color. If you saturate the color by 10%, you get  $205.7020, -31.4051, 39.7263$ , and if you desaturate by 10%, it is  $226.6640, -17.0894, 21.3427$ .

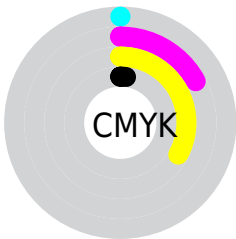
# Distribution



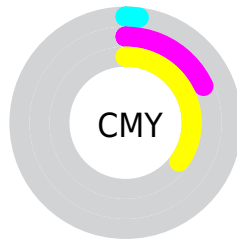
- Red (98%)
- Green (82%)
- Blue (65%)



- Red (98%)
- Yellow (97%)
- Blue (65%)



- Cyan (0%)
- Magenta (17%)
- Yellow (33%)
- Black (2%)



- Cyan (2%)
- Magenta (18%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 216.1830, -24.2472, 30.5345 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 216.1830, -24.2472, 30.5345 by changing the saturation by 10% instead.



216.1830,  
-24.2472, 30.5345

216.1830,  
-24.2472, 30.5345

255.0000, 0.0000,  
0.0000

187.9980,  
-23.6630, 29.8198

251.2380,  
-14.4143, 3.2993

161.2150,  
-22.7840, 27.8754

254.5440, -1.7472,  
0.3999

134.7310,  
-22.0524, 26.5459

109.2470,  
-21.3208, 25.2164

84.4640, -20.4418,  
23.2721

60.7950, -19.1259,  
21.2278

38.1970, -18.8311,

19.9982

■ 19.2810, -9.5055,  
15.5396

■ 0.0000, 0.0000,  
0.0000

■ 216.1830,  
-24.2472, 30.5345

■ 216.1830,  
-24.2472, 30.5345

■ 205.7020,  
-31.4051, 39.7263

■ 226.6640,  
-17.0894, 21.3427

■ 195.2210,  
-38.5630, 48.9182

■ 237.1450, -9.9315,  
12.1508

■ 184.7400,  
-45.7208, 58.1100

■ 247.6260, -2.7736,  
2.9590

■ 174.8460,  
-53.1681, 66.7871

■ 253.8040, 0.5896,  
-2.4591

■ 164.2510,  
-60.7627, 76.0789

■ 153.7700,  
-67.9206, 85.2707

■ 147.2500,  
-72.5943, 90.9887

# Harmonies

## Analogous

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



214.5070, -15.5330, 35.5124



216.1830, -24.2472, 30.5345



213.6490, -24.4770, 10.8318

# Triad

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



216.1830, -24.2472, 30.5345



204.4880, 9.6194, -52.1710



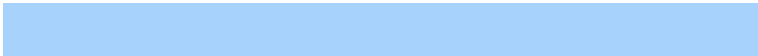
219.0610, 17.7179, 10.4705

# Complementary

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



216.1830, -24.2472, 30.5345



201.8170, 24.2472, -30.5345

# 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.



213.8790, 20.2727, -15.6799



216.1830, -24.2472, 30.5345



205.1530, 21.1236, -55.3852

# Square

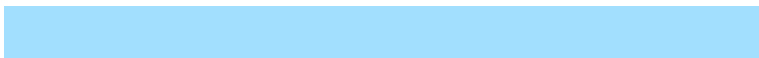
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



216.1830, -24.2472, 30.5345



207.1130, -4.9857, -34.3021



208.4090, 22.9694, -40.7007



219.7340, 7.0331, 30.9283



# Rectangle

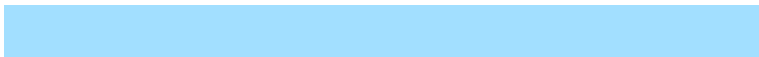
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



216.1830, -24.2472, 30.5345



211.5870, -20.5024, -4.0228



208.4090, 22.9694, -40.7007



217.5330, 18.4712, 2.1636

# Sweetspot

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



216.1830, -24.2472, 30.5345



244.5190, -7.1579, 9.1918



197.0180, 6.4001, 47.3422



121.4800, -4.6736, 5.7180



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.



216.1830, -24.2472, 30.5345



212.8480, -29.5051, 36.9673



240.8370, -36.4016, 8.9130



119.9960, -3.9420, 4.3885



110.5150, -54.4839, 68.8313



35.8490, -17.6736, 22.0574

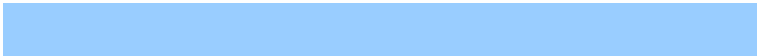


# Inverse Universe

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



201.8170, 24.2472, -30.5345



195.1520, 29.5051, -36.9673



177.1630, 36.4016, -8.9130



117.5910, 3.6526, -4.9033



78.4850, 54.4839, -68.8313



25.1510, 17.6736, -22.0574



# Previews

## White Background



This preview shows how the YUV color 216.1830, -24.2472, 30.5345 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

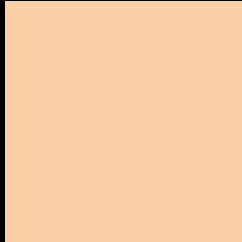
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 216.1830, -24.2472, 30.5345 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

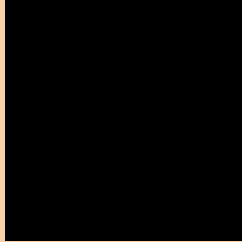
Any Text WCAG AA ✓ Pass

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 216.1830, -24.2472, 30.5345 Background



This preview shows how black text looks on a background with the YUV color 216.1830, -24.2472, 30.5345.



This preview shows how white text looks on a background with the YUV color 216.1830, -24.2472, 30.5345.



# 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

216.1830, -24.2472, 30.5345

### Protanopia

214.9420, -22.1564, 13.2059

### Deuteranopia

216.1940, -24.2526, 32.2789



## Tritanopia

219.5570, -1.2606, 31.0835

# Trichromacy



## Original Color

216.1830, -24.2472, 30.5345

## Protanomaly

215.4590, -22.9043, 19.7685

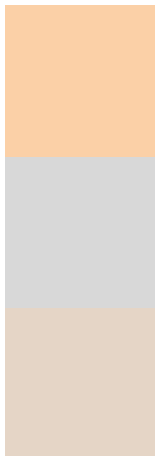
## Deuteranomaly

215.8950, -24.1052, 31.6641

## Tritanomaly

218.3800, -9.5543, 31.2387

# Monochromacy



## Original Color

216.1830, -24.2472, 30.5345

## Achromatopsia

216.0000, 0.0000, 0.0000

## Achromatomaly

216.0740, -8.9105, 11.3361

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 216.1830, -24.2472, 30.5345 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(251, 208, 167)` looks like.

```
.text, #text, p{  
    color:rgb(251, 208, 167)  
}
```

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(251, 208, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 208, 167) }
```

## Border

The CSS property to change the border of an element to YUV 216.1830, -24.2472, 30.5345 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(251, 208, 167) }
```



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

```
.border{ border-color:rgb(251, 208, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 208, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 208, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 208, 167);  
box-shadow:4px 4px 4px 4px rgb(251, 208,  
167) }
```

# Background

The CSS property to change the background color of an element to YUV 216.1830, -24.2472, 30.5345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 208, 167) }
```

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

```
.background{ background-color: rgb(251,  
208, 167) }
```

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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