

Converting Colors

YUV(216.9630, -17.2368,
21.9574)

Have a look what the booklet for
YUV(216.9630, -17.2368, 21.9574)
contains.

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Color

**YUV(216.9630, -17.2368,
21.9574)**

Conversions

Conversions Part 1

Format	Color
Hex	F2D3B6
RGB	242, 211, 182
RGB Percent	95%, 83%, 71%
CMY	0.0510, 0.1725, 0.2863
CMYK	0.00, 0.13, 0.25, 0.05
HSL	29°, 70%, 83%
HSV	29°, 25%, 95%
XYZ	68.3557, 68.8432, 53.9413
YIQ	216.9630, 27.7850, -2.4470

Conversions

Conversions Part 2

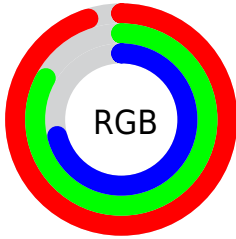
Format	Color
RYB	242, 238, 182
Decimal	15913910
CIELab	86.43, 6.48, 18.34
CIElCh	86, 19.455, 70.553
Yxy	68.8432, 0.3576, 0.3602
Android (android.graphics.Color)	4294103990 (0xFFFF2D3B6)
YUV	216.9630, -17.2368, 21.9574
Hunter-Lab	82.9718, 1.8553, 19.5349

Details

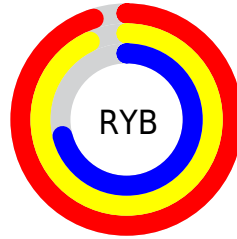
The YUV color $216.9630, -17.2368, 21.9574$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $207.0370, 17.2368, -21.9574$, and the grayscale version is $217.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.0620, -7.4256, 1.6996$, and $162.1800, -16.3577, 20.0131$ is the 20% darker color. If you saturate the color by 10%, you get $206.5960, -23.9578, 31.0493$, and if you desaturate by 10%, it is $227.3300, -10.5157, 12.8656$.

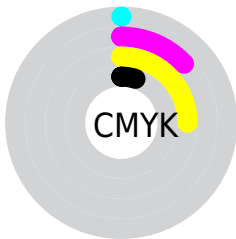
Distribution



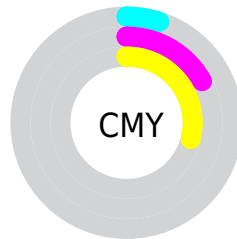
- Red (95%)
- Green (83%)
- Blue (71%)



- Red (95%)
- Yellow (93%)
- Blue (71%)



- Cyan (0%)
- Magenta (13%)
- Yellow (25%)
- Black (5%)





- Cyan (5%)
- Magenta (17%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the YUV color 216.9630, -17.2368, 21.9574 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 216.9630, -17.2368, 21.9574 by changing the saturation by 10% instead.


 216.9630,
-17.2368, 21.9574


 216.9630,
-17.2368, 21.9574

255.0000, 0.0000,
0.0000


 188.7780,
-16.6526, 21.2427


 253.0620, -7.4256,
1.6996

 162.1800,
-16.3577, 20.0131

 135.4080,
-15.4841, 19.8132

 109.9240,
-14.7525, 18.4837

 85.4400, -14.0209,
17.1541

 61.9560, -13.2893,
15.8246

 40.0590, -12.8471,

13.9803

■ 19.5580, -9.6421,
12.6656

■ 0.0000, 0.0000,
0.0000

■ 216.9630,
-17.2368, 21.9574

■ 216.9630,
-17.2368, 21.9574

■ 206.5960,
-23.9578, 31.0493

■ 227.3300,
-10.5157, 12.8656

■ 196.8160,
-30.9683, 39.6264

■ 237.1100, -3.5052,
4.2885

■ 186.3350,
-38.1262, 48.8182

■ 247.5910, 3.6526,
-4.9033

■ 176.5550,
-45.1366, 57.3953

■ 251.1130, 1.9163,
-7.9921

■ 166.1880,
-51.8577, 66.4871

■ 156.4080,
-58.8681, 75.0642

■ 146.0410,
-65.5892, 84.1560

■ 141.0370,
-69.5312, 88.5446

Harmonies

Analogous

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



218.5710, -12.6065, 30.1942



216.9630, -17.2368, 21.9574



214.8750, -17.1934, 8.0026

Triad

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



216.9630, -17.2368, 21.9574



209.3870, 6.2182, -34.5424



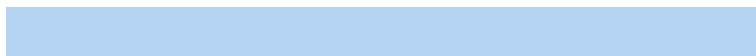
218.6710, 12.4872, 8.1815

Complementary

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



216.9630, -17.2368, 21.9574



207.0370, 17.2368, -21.9574

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.



216.5160, 17.4936, -10.9765



216.9630, -17.2368, 21.9574



210.5530, 14.5174, -36.4420

Square

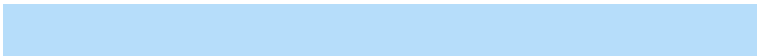
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



216.9630, -17.2368, 21.9574



210.5210, -3.7079, -24.1359



212.6450, 18.4160, -26.8757



219.9950, 4.4395, 22.8064

Rectangle

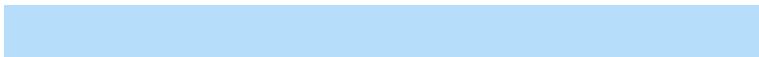
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



216.9630, -17.2368, 21.9574



213.4930, -14.5400, -3.0634



212.6450, 18.4160, -26.8757



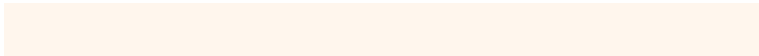
217.9090, 14.8349, 1.8338

Sweetspot

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



216.9630, -17.2368, 21.9574



247.6650, -5.2578, 6.4328



203.4740, 4.6963, 33.7873



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.



216.9630, -17.2368, 21.9574



222.8560, -21.6210, 28.1903



233.9860, -25.6291, 7.0283



115.1100, -3.5052, 4.2885



107.2590, -52.8787, 67.3019



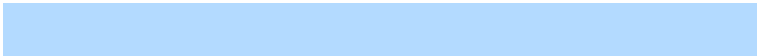
32.5930, -16.0683, 20.5279

Inverse Universe

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



207.0370, 17.2368, -21.9574



210.5570, 21.9104, -27.6755



189.4270, 25.9185, -6.5135



112.8900, 3.5052, -4.2885



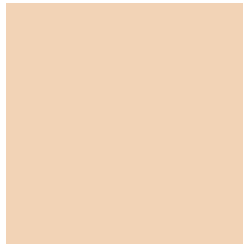
76.7410, 52.8787, -67.3019



23.4070, 16.0683, -20.5279

Previews

White Background



This preview shows how the YUV color 216.9630, -17.2368, 21.9574 looks on a white background.

Color Contrast Check

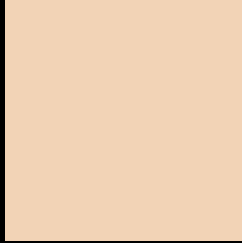
Large Text (above 18pt) WCAG AA × Fail

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 216.9630, -17.2368, 21.9574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

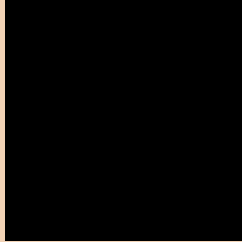
Any Text WCAG AA ✓ Pass

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 216.9630, -17.2368, 21.9574 Background



This preview shows how black text looks on a background with the YUV color 216.9630, -17.2368, 21.9574.



This preview shows how white text looks on a background with the YUV color 216.9630, -17.2368, 21.9574.

21.9574.

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

216.9630, -17.2368, 21.9574

Protanopia

215.9400, -15.7464, 10.5766

Deuteranopia

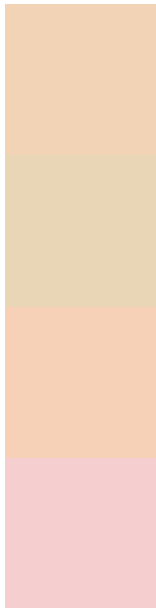
217.4090, -16.9636, 27.7053



Tritanopia

219.3820, 0.7977, 24.2210

Trichromacy



Original Color

216.9630, -17.2368, 21.9574

Protanomaly

216.1470, -16.3415, 14.7801

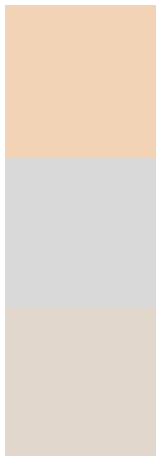
Deuteranomaly

217.0990, -16.8108, 25.3462

Tritanomaly

218.3620, -5.6015, 23.3615

Monochromacy



Original Color

216.9630, -17.2368, 21.9574

Achromatopsia

217.0000, 0.0000, 0.0000

Achromatomaly

217.0350, -6.4263, 7.8623

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.9630, -17.2368, 21.9574 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, 211, 182)` looks like.

```
.text, #text, p{  
    color:rgb(242, 211, 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(242, 211, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 211, 182) }
```

Border

The CSS property to change the border of an element to YUV 216.9630, -17.2368, 21.9574 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, 211, 182) }
```


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

```
.border{ border-color:rgb(242, 211, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 211, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 211, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 211, 182);  
box-shadow:4px 4px 4px 4px rgb(242, 211,  
182) }
```

Background

The CSS property to change the background color of an element to YUV 216.9630, -17.2368, 21.9574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 211, 182) }
```

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

```
.background{ background-color: rgb(242,  
211, 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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