

Converting Colors

YUV(216.0740, -22.2215,
34.1381)

Have a look what the booklet for
YUV(216.0740, -22.2215, 34.1381)
contains.

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Color

**YUV(216.0740, -22.2215,
34.1381)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCDAB
RGB	255, 205, 171
RGB Percent	100%, 80%, 67%
CMY	0.0000, 0.1961, 0.3294
CMYK	0.00, 0.20, 0.33, 0.00
HSL	24°, 100%, 84%
HSV	24°, 33%, 100%
XYZ	70.4220, 67.8629, 47.9153
YIQ	216.0740, 40.7140, 0.0260

Conversions

Conversions Part 2

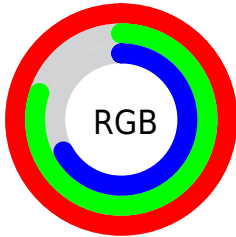
Format	Color
R _Y B	255, 228, 171
Decimal	16764331
CIE Lab	85.94, 13.05, 23.63
CIE LCh	86, 26.995, 61.086
Yxy	67.8629, 0.3782, 0.3645
Android (android.graphics.Color)	4294954411 (0xFFFFCDAB)
YUV	216.0740, -22.2215, 34.1381
Hunter-Lab	82.3790, 8.4283, 23.1795

Details

The YUV color $216.0740, -22.2215, 34.1381$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $209.9260, 22.2215, -34.1381$, and the grayscale version is $216.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.6940, -12.6671, 2.8994$, and $161.1060, -20.7583, 31.4790$ is the 20% darker color. If you saturate the color by 10%, you get $204.4190, -28.8006, 44.3595$, and if you desaturate by 10%, it is $227.7290, -15.6424, 23.9167$.

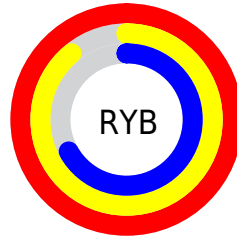
Distribution



Red (100%)

Green (80%)

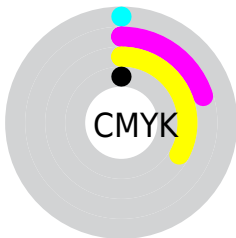
Blue (67%)



Red (100%)

Yellow (89%)

Blue (67%)

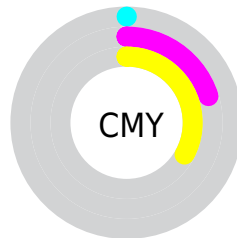


Cyan (0%)

Magenta (20%)

Yellow (33%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.0740, -22.2215, 34.1381 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 216.0740, -22.2215, 34.1381 by changing the saturation by 10% instead.


 216.0740,
-22.2215, 34.1381

 216.0740,
-22.2215, 34.1381

255.0000, 0.0000,
0.0000


 188.4760,
-21.9267, 32.9085


 251.6940,
-12.6671, 2.8994

 161.1060,
-20.7583, 31.4790

 134.6220,
-20.0266, 30.1495

 108.8390,
-19.1476, 28.2052

 84.3550, -18.4160,
26.8757

 60.6860, -17.1002,
24.8314

 37.3330, -18.4052,

23.3870

■ 17.5310, -8.6428,
18.8283

■ 0.0000, 0.0000,
0.0000

■ 216.0740,
-22.2215, 34.1381

■ 216.0740,
-22.2215, 34.1381

■ 204.4190,
-28.8006, 44.3595

■ 227.7290,
-15.6424, 23.9167

■ 192.6500,
-35.8164, 54.6810

■ 239.4980, -8.6265,
13.5953

■ 180.4080,
-42.1061, 65.4172

■ 251.8540, -1.9000,
2.7590

■ 168.6390,
-49.1220, 75.7386

■ 255.0000, 0.0000,
0.0000

■ 156.9840,
-55.7011, 85.9600

■ 145.2150,
-62.7170, 96.2814

■ 136.7060,
-67.3961, 103.7438

Harmonies

Analogous

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



214.7180, -12.1860, 35.3273



216.0740, -22.2215, 34.1381



213.3940, -24.3512, 17.1945

Triad

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



216.0740, -22.2215, 34.1381



204.3810, 5.2352, -45.9381



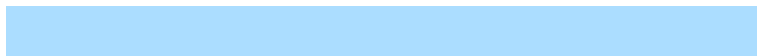
216.9460, 18.7606, 2.6784

Complementary

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



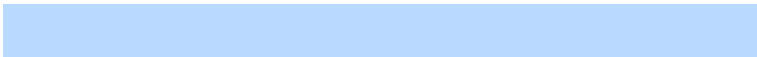
216.0740, -22.2215, 34.1381



209.9260, 22.2215, -34.1381

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.



212.0630, 21.1679, -22.8573



216.0740, -22.2215, 34.1381



204.2410, 17.6292, -54.5854

Square

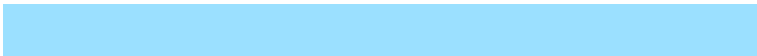
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



216.0740, -22.2215, 34.1381



207.4190, -9.0806, -27.5545



206.9030, 23.7118, -45.5189



219.2110, 10.2490, 26.1250

Rectangle

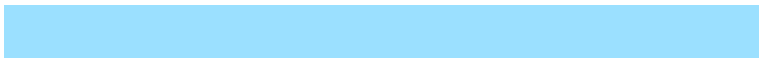
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



216.0740, -22.2215, 34.1381



211.8760, -22.1239, 2.7397



206.9030, 23.7118, -45.5189



215.4180, 19.5139, -5.6286

Sweetspot

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



216.0740, -22.2215, 34.1381



243.3450, -6.5791, 10.2214



201.8160, 9.4577, 46.6424



120.3060, -4.0949, 6.7476



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.



216.0740, -22.2215, 34.1381



207.5650, -26.9005, 41.6005



240.7280, -34.3759, 12.5165



121.8220, -3.3632, 5.4181



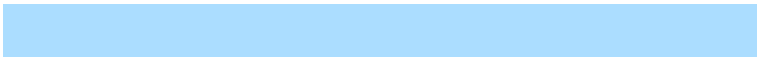
102.3080, -50.4378, 77.7829



34.3980, -16.9582, 25.9610

Inverse Universe

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



209.9260, 22.2215, -34.1381



200.4350, 26.9005, -41.6005



185.2720, 34.3759, -12.5165



120.5910, 3.6526, -4.9033



88.6920, 50.4378, -77.7829



29.6020, 16.9582, -25.9610

Previews

White Background



This preview shows how the YUV color 216.0740, -22.2215, 34.1381 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 216.0740, -22.2215, 34.1381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

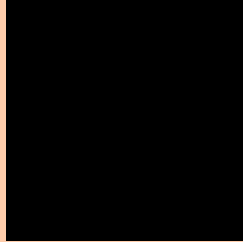
Any Text WCAG AA ✓ Pass

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 216.0740, -22.2215, 34.1381 Background



This preview shows how black text looks on a background with the YUV color 216.0740, -22.2215, 34.1381.



This preview shows how white text looks on a background with the YUV color 216.0740, -22.2215, 34.1381.

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

216.0740, -22.2215, 34.1381

Protanopia

214.4410, -18.9514, 11.8912

Deuteranopia

216.0520, -22.2106, 30.6494



Tritanopia

218.6280, -2.2816, 31.8982

Trichromacy



Original Color

216.0740, -22.2215, 34.1381

Protanomaly

214.8550, -20.1415, 20.2982

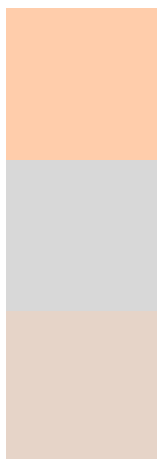
Deuteranomaly

215.7640, -22.0687, 31.7790

Tritanomaly

217.3910, -9.5598, 32.9831

Monochromacy



Original Color

216.0740, -22.2215, 34.1381

Achromatopsia

216.0000, 0.0000, 0.0000

Achromatomaly

216.0140, -7.8949, 12.2657

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.0740, -22.2215, 34.1381 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(255, 205, 171)` looks like.

```
.text, #text, p{  
    color:rgb(255, 205, 171)  
}
```

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(255, 205, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 205, 171) }
```

Border

The CSS property to change the border of an element to YUV 216.0740, -22.2215, 34.1381 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(255, 205, 171) }
```


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

```
.border{ border-color:rgb(255, 205, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 205, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 205, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 205, 171); box-shadow:4px 4px 4px 4px rgb(255, 205, 171) }
```

Background

The CSS property to change the background color of an element to YUV 216.0740, -22.2215, 34.1381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 205, 171) }
```

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

```
.background{ background-color: rgb(255,  
205, 171) }
```

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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