

Converting Colors

YUV(216.7990, -11.7329,
29.9943)

Have a look what the booklet for
YUV(216.7990, -11.7329, 29.9943)
contains.

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Color

**YUV(216.7990, -11.7329,
29.9943)**

Conversions

Conversions Part 1

Format	Color
Hex	FBCCC1
RGB	251, 204, 193
RGB Percent	98%, 80%, 76%
CMY	0.0157, 0.2000, 0.2431
CMYK	0.00, 0.19, 0.23, 0.02
HSL	11°, 88%, 87%
HSV	11°, 23%, 98%
XYZ	71.0022, 67.5452, 59.7474
YIQ	216.7990, 31.5430, 6.5430

Conversions

Conversions Part 2

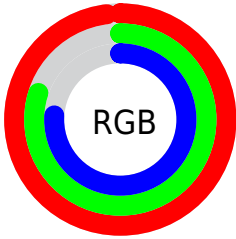
Format	Color
R _Y B	251, 207, 193
Decimal	16501953
CIE Lab	85.78, 14.98, 11.74
CIE LCh	86, 19.032, 38.096
Yxy	67.5452, 0.3581, 0.3406
Android (android.graphics.Color)	4294692033 (0xFFFBCCC1)
YUV	216.7990, -11.7329, 29.9943
Hunter-Lab	82.1859, 10.3847, 14.4276

Details

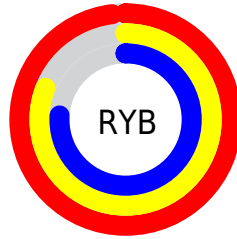
The YUV color $216.7990, -11.7329, 29.9943$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $227.2010, 11.7329, -29.9943$, and the grayscale version is $217.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.3160, -2.6208, 0.5999$, and $161.9020, -11.2907, 28.1499$ is the 20% darker color. If you saturate the color by 10%, you get $202.2090, -16.8650, 42.7897$, and if you desaturate by 10%, it is $231.3890, -6.6008, 17.1988$.

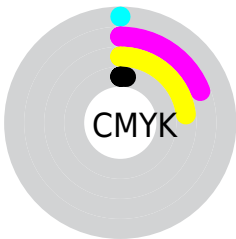
Distribution



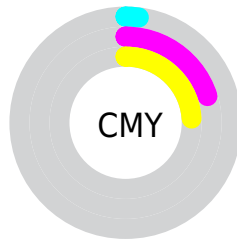
- Red (98%)
- Green (80%)
- Blue (76%)



- Red (98%)
- Yellow (81%)
- Blue (76%)



- Cyan (0%)
- Magenta (19%)
- Yellow (23%)
- Black (2%)



- Cyan (2%)
- Magenta (20%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.7990, -11.7329, 29.9943 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 216.7990, -11.7329, 29.9943 by changing the saturation by 10% instead.

216.7990,
-11.7329, 29.9943

216.7990,
-11.7329, 29.9943

255.0000, 0.0000,
0.0000

189.2010,
-11.4381, 28.7647

254.3160, -2.6208,
0.5999

161.9020,
-11.2907, 28.1499

135.4180,
-10.5591, 26.8204

109.9340, -9.8275,
25.4909

85.3360, -9.5326,
24.2613

61.5530, -8.6536,
22.3170

39.0690, -7.9220,

20.9875

■ 16.9550, -8.3588,
21.0875

■ 0.0000, 0.0000,
0.0000

■ 216.7990,
-11.7329, 29.9943

■ 216.7990,
-11.7329, 29.9943

■ 202.2090,
-16.8650, 42.7897

■ 231.3890, -6.6008,
17.1988

■ 187.0320,
-21.7078, 56.0999

■ 246.5660, -1.7580,
3.8886

■ 172.4420,
-26.8399, 68.8954

■ 253.8040, 0.5896,
-2.4591

■ 157.8520,
-31.9720, 81.6908

■ 142.5610,
-37.2516, 95.1010

■ 127.9710,
-42.3837, 107.8964

■ 113.3810,
-47.5158, 120.6919

■ 103.2250,
-50.8899, 129.5987

Harmonies

Analogous

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



217.8620, -3.8760, 29.9390



216.7990, -11.7329, 29.9943



215.4900, -16.5106, 22.3723

Triad

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



216.7990, -11.7329, 29.9943



209.3040, -4.5869, -22.1916



214.2170, 17.6410, -11.5913

Complementary

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



216.7990, -11.7329, 29.9943



227.2010, 11.7329, -29.9943

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.



211.1180, 17.6898, -27.2905



216.7990, -11.7329, 29.9943



207.8710, 5.4866, -33.2129

Square

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



216.7990, -11.7329, 29.9943



211.0410, -12.3452, -7.0520



208.6240, 13.4964, -35.6272



216.7740, 12.9294, 6.3372

Rectangle

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



216.7990, -11.7329, 29.9943



214.2070, -17.3571, 13.8505



208.6240, 13.4964, -35.6272



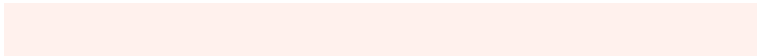
212.9990, 18.2415, -17.5391

Sweetspot

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



216.7990, -11.7329, 29.9943



244.7300, -3.8109, 9.0068



215.7000, 11.9799, 30.9581



121.4630, -2.2003, 5.7329



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.



216.7990, -11.7329, 29.9943



212.8600, -14.2280, 36.9568



233.8220, -20.1252, 15.0651



117.6480, -2.7845, 6.4477



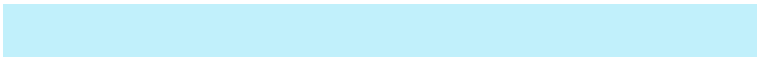
77.6430, -38.2780, 97.6601



25.2830, -12.4645, 31.3238

Inverse Universe

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



227.2010, 11.7329, -29.9943



225.5530, 14.5174, -36.4420



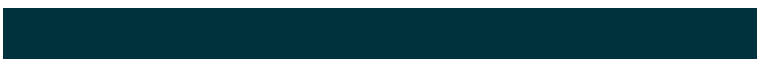
210.1780, 20.1252, -15.0651



119.9390, 2.4951, -6.9625



111.3570, 38.2780, -97.6601



36.3040, 12.1751, -31.8386

Previews

White Background



This preview shows how the YUV color 216.7990, -11.7329, 29.9943 looks on a white background.

Color Contrast Check

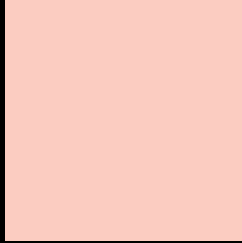
Large Text (above 18pt) WCAG AA × Fail

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 216.7990, -11.7329, 29.9943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

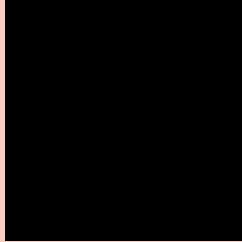
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

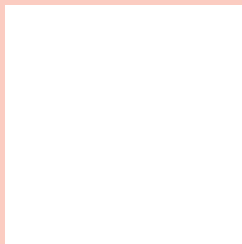
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 216.7990, -11.7329, 29.9943

Background



This preview shows how black text looks on a background with the YUV color 216.7990, -11.7329, 29.9943.



This preview shows how white text looks on a background with the YUV color 216.7990, -11.7329, 29.9943.

29.9943.

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

216.7990, -11.7329, 29.9943

Protanopia

214.5680, -8.1680, 6.5179

Deuteranopia

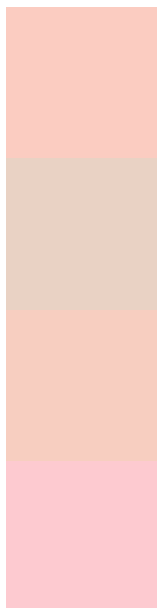
216.3530, -12.0060, 24.2464



Tritanopia

218.5570, -1.2606, 31.0835

Trichromacy



Original Color

216.7990, -11.7329, 29.9943

Protanomaly

215.2810, -9.5055, 15.5396

Deuteranomaly

216.6630, -12.1589, 26.6055

Tritanomaly

217.9330, -4.8970, 30.7538

Monochromacy



Original Color

216.7990, -11.7329, 29.9943

Achromatopsia

217.0000, 0.0000, 0.0000

Achromatomaly

216.6270, -4.2531, 10.8511

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.7990, -11.7329, 29.9943 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, 204, 193)` looks like.

```
.text, #text, p{  
    color:rgb(251, 204, 193)  
}
```

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, 204, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 204, 193) }
```

Border

The CSS property to change the border of an element to YUV 216.7990, -11.7329, 29.9943 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, 204, 193) }
```


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

```
.border{ border-color:rgb(251, 204, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 204, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 204, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 204, 193);  
box-shadow:4px 4px 4px 4px rgb(251, 204,  
193) }
```

Background

The CSS property to change the background color of an element to YUV 216.7990, -11.7329, 29.9943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 204, 193) }
```

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

```
.background{ background-color: rgb(251,  
204, 193) }
```

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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