

Converting Colors

YUV(228.8690, -11.2744,
22.9169)

Have a look what the booklet for
YUV(228.8690, -11.2744, 22.9169)
contains.

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Color

**YUV(228.8690, -11.2744,
22.9169)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | FFDCCE |
| RGB | 255, 220, 206 |
| RGB Percent | 100%, 86%, 81% |
| CMY | 0.0000, 0.1373, 0.1922 |
| CMYK | 0.00, 0.14, 0.19, 0.00 |
| HSL | 17°, 100%, 90% |
| HSV | 17°, 19%, 100% |
| XYZ | 77.9738, 76.9026, 69.1266 |
| YIQ | 228.8690, 25.3540, 3.0660 |

Conversions

Conversions Part 2

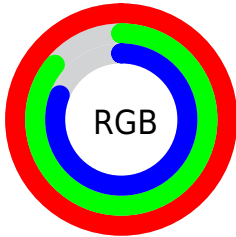
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 255, 226, 206 |
| Decimal | 16768206 |
| CIE _{Lab} | 90.28, 9.98, 11.34 |
| CIE _{LCh} | 90, 15.106, 48.668 |
| Y _{xy} | 76.9026, 0.3481, 0.3433 |
| Android (android.graphics.Color) | 4294958286 (0xFFFFDCCE) |
| Y _{UV} | 228.8690, -11.2744, 22.9169 |
| Hunter-Lab | 87.6941, 5.2496, 14.6494 |

Details

The YUV color $228.8690, -11.2744, 22.9169$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $232.1310, 11.2744, -22.9169$, and the grayscale version is $229.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $173.3850, -10.5428, 21.5874$ is the 20% darker color. If you saturate the color by 10%, you get $215.3390, -17.4221, 34.7827$, and if you desaturate by 10%, it is $242.3990, -5.1267, 11.0511$.

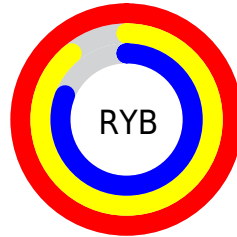
Distribution



Red (100%)

Green (86%)

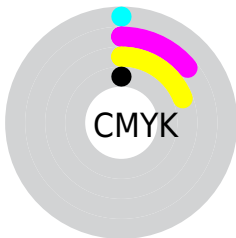
Blue (81%)



Red (100%)

Yellow (89%)

Blue (81%)

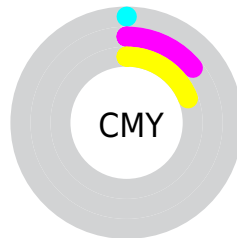


Cyan (0%)

Magenta (14%)

Yellow (19%)

Black (0%)



Cyan (0%)

Magenta (14%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 228.8690, -11.2744, 22.9169 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 228.8690, -11.2744, 22.9169 by changing the saturation by 10% instead.

228.8690,
-11.2744, 22.9169

228.8690,
-11.2744, 22.9169

255.0000, 0.0000,
0.0000

200.6840,
-10.6902, 22.2021

173.3850,
-10.5428, 21.5874

146.7870,
-10.2480, 20.3578

120.6020, -9.6638,
19.6430

96.0040, -9.3690,
18.4135

71.8190, -8.7848,
17.6987

49.3350, -8.0532,

16.3692

■ 27.5090, -8.6319,
15.3396

■ 6.8770, -3.3904,
14.1399

■ 228.8690,
-11.2744, 22.9169

■ 228.8690,
-11.2744, 22.9169

■ 215.3390,
-17.4221, 34.7827

■ 242.3990, -5.1267,
11.0511

■ 201.9230,
-23.1330, 46.5485

255.0000, 0.0000,
0.0000

■ 187.9200,
-28.5546, 58.8292

■ 174.3900,
-34.7023, 70.6950

■ 160.9740,
-40.4132, 82.4608

■ 147.4440,
-46.5609, 94.3266

■ 133.9140,
-52.7086, 106.1924

■ 119.9110,
-58.1301, 118.4731

■ 119.0960,
-58.7143, 119.1878

Harmonies

Analogous

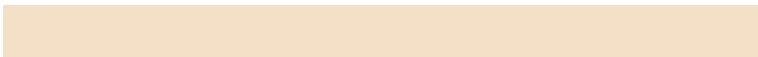
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



229.0630, -5.4541, 22.7467



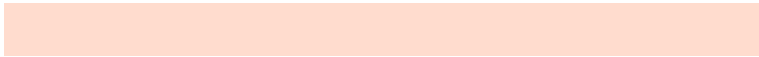
228.8690, -11.2744, 22.9169



227.1300, -13.8681, 14.7950

Triad

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



228.8690, -11.2744, 22.9169



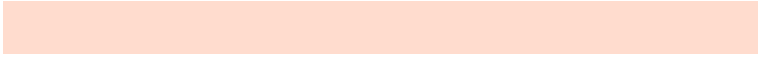
222.3410, -0.6611, -21.3471



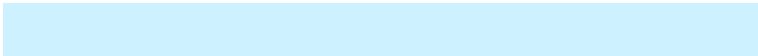
227.7080, 12.9620, -4.1289

Complementary

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



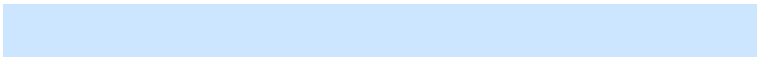
228.8690, -11.2744, 22.9169



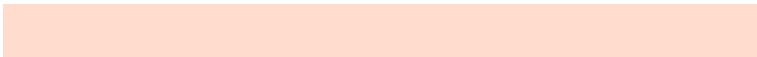
232.1310, 11.2744, -22.9169

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.



225.3750, 14.6051, -17.8689



228.8690, -11.2744, 22.9169



222.5450, 6.6333, -27.6650

Square

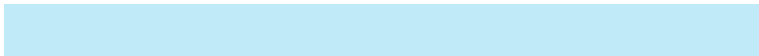
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



228.8690, -11.2744, 22.9169



224.1700, -7.9718, -9.7961



223.3370, 12.1589, -26.6055



229.8300, 7.9718, 9.7961

Rectangle

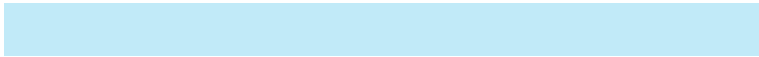
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



228.8690, -11.2744, 22.9169



226.2000, -13.4096, 7.7176



223.3370, 12.1589, -26.6055



227.2020, 13.7044, -8.9472

Sweetspot

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



228.8690, -11.2744, 22.9169



246.8330, -3.3687, 7.1625



224.6410, 8.0650, 26.6248



122.8650, -1.9054, 4.5034



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.



228.8690, -11.2744, 22.9169



223.6200, -13.6167, 27.5203



242.9570, -18.2198, 10.5617



120.6480, -2.7845, 6.4477



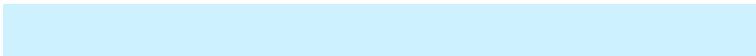
89.3940, -44.0712, 89.1085



29.7020, -14.6431, 30.0793

Inverse Universe

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



232.1310, 11.2744, -22.9169



227.3800, 13.6167, -27.5203



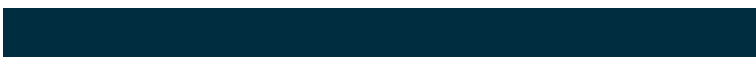
218.0430, 18.2198, -10.5617



121.7650, 3.0739, -5.9329



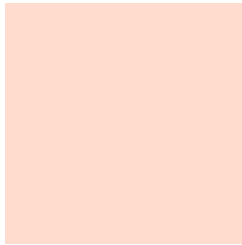
102.1930, 43.7819, -89.6233



34.2980, 14.6431, -30.0793

Previews

White Background



This preview shows how the YUV color 228.8690, -11.2744, 22.9169 looks on a white background.

Color Contrast Check

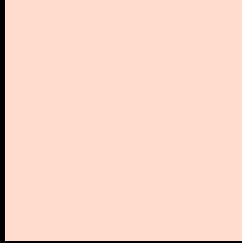
Large Text (above 18pt) WCAG AA × Fail

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 228.8690, -11.2744, 22.9169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

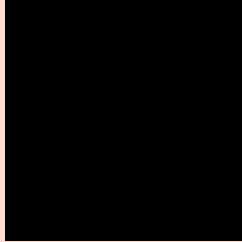
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 228.8690, -11.2744, 22.9169

Background



This preview shows how black text looks on a background with the YUV color 228.8690, -11.2744, 22.9169.



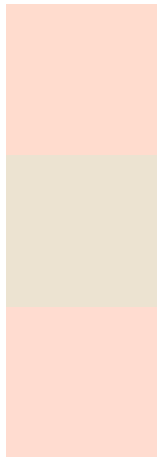
This preview shows how white text looks on a background with the YUV color 228.8690, -11.2744, 22.9169.

22.9169.

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

228.8690, -11.2744, 22.9169

Protanopia

227.6390, -9.1890, 7.3326

Deuteranopia

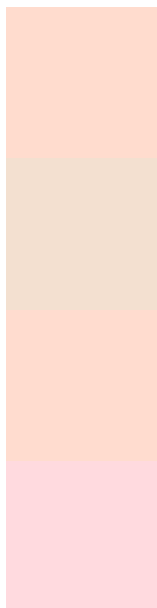
229.0970, -10.4008, 22.7169



Tritanopia

230.0720, 0.9505, 21.8619

Trichromacy



Original Color

228.8690, -11.2744, 22.9169

Protanomaly

227.8570, -9.7895, 13.2804

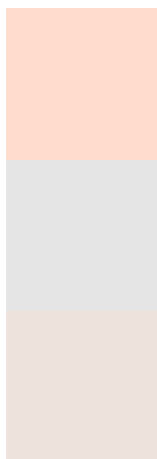
Deuteranomaly

228.9830, -10.8376, 22.8169

Tritanomaly

229.6330, -3.2701, 22.2469

Monochromacy



Original Color

228.8690, -11.2744, 22.9169

Achromatopsia

229.0000, 0.0000, 0.0000

Achromatomaly

229.0180, -3.9529, 7.8772

CSS Examples

Text

The CSS property to change the color of the text to YUV 228.8690, -11.2744, 22.9169 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, 220, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 220, 206)  
}
```

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, 220, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 220, 206) }
```

Border

The CSS property to change the border of an element to YUV 228.8690, -11.2744, 22.9169 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, 220, 206) }
```


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

```
.border{ border-color:rgb(255, 220, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 220, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 220, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 220, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 220,  
206) }
```

Background

The CSS property to change the background color of an element to YUV 228.8690, -11.2744, 22.9169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 220, 206) }
```

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

```
.background{ background-color: rgb(255,  
220, 206) }
```

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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