

Converting Colors

YUV(199.2720, -29.2211,
39.2265)

Have a look what the booklet for
YUV(199.2720, -29.2211, 39.2265)
contains.

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Color

**YUV(199.2720, -29.2211,
39.2265)**

Conversions

Conversions Part 1

Format	Color
Hex	F4BC8C
RGB	244, 188, 140
RGB Percent	96%, 74%, 55%
CMY	0.0431, 0.2627, 0.4510
CMYK	0.00, 0.23, 0.43, 0.04
HSL	28°, 83%, 75%
HSV	28°, 43%, 96%
XYZ	60.0251, 57.0930, 32.6673
YIQ	199.2720, 48.7840, -3.0560

Conversions

Conversions Part 2

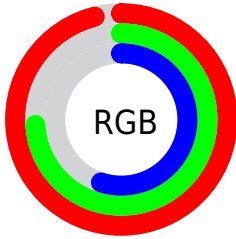
Format	Color
R _Y B	244, 229, 140
Decimal	16039052
CIE Lab	80.23, 14.19, 32.03
CIE LCh	80, 35.028, 66.111
Yxy	57.0930, 0.4007, 0.3812
Android (android.graphics.Color)	4294229132 (0xFFF4BC8C)
YUV	199.2720, -29.2211, 39.2265
Hunter-Lab	75.5599, 9.5712, 27.2587

Details

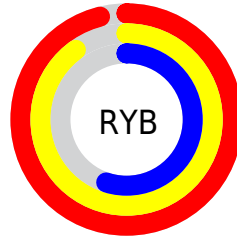
The YUV color $199.2720, -29.2211, 39.2265$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $184.7280, 29.2211, -39.2265$, and the grayscale version is $200.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $241.5890, -23.4614, 11.7614$, and $145.0050, -27.6105, 35.9526$ is the 20% darker color. If you saturate the color by 10%, you get $188.9050, -35.9422, 48.3183$, and if you desaturate by 10%, it is $209.6390, -22.5000, 30.1346$.

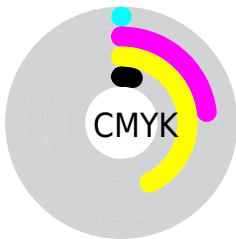
Distribution



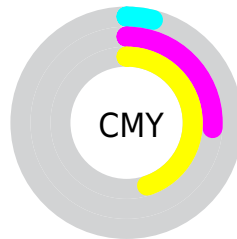
- Red (96%)
- Green (74%)
- Blue (55%)



- Red (96%)
- Yellow (90%)
- Blue (55%)



- Cyan (0%)
- Magenta (23%)
- Yellow (43%)
- Black (4%)



- Cyan (4%)
- Magenta (26%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.2720, -29.2211, 39.2265 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 199.2720, -29.2211, 39.2265 by changing the saturation by 10% instead.

199.2720,
-29.2211, 39.2265

199.2720,
-29.2211, 39.2265

255.0000, 0.0000,
0.0000

171.7880,
-28.4895, 37.8969

241.5890,
-23.4614, 11.7614

145.0050,
-27.6105, 35.9526

251.2380,
-14.4143, 3.2993

118.3360,
-26.2946, 33.9083

254.5440, -1.7472,
0.3999

93.5530, -25.4156,
31.9640

69.4710, -24.3892,
29.4049

46.5030, -22.9260,
26.7459

26.4020, -13.0162,

21.5724

■ 8.4860, -3.6906,
17.1138

■ 0.0000, 0.0000,
0.0000

■ 199.2720,
-29.2211, 39.2265

■ 199.2720,
-29.2211, 39.2265

■ 188.9050,
-35.9422, 48.3183

■ 209.6390,
-22.5000, 30.1346

■ 178.4240,
-43.1000, 57.5102

■ 220.1200,
-15.3422, 20.9428

■ 168.0570,
-49.8211, 66.6020

■ 230.4870, -8.6211,
11.8509

■ 156.9890,
-56.6896, 76.3086

■ 241.5550, -1.7526,
2.1443

■ 146.6220,
-63.4106, 85.4005

■ 251.1240, 1.9109,
-6.2477

■ 139.2870,
-68.6685, 91.8333

■ 251.7110, 1.6215,
-6.7625

Harmonies

Analogous

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



199.1990, -18.3391, 48.9375



199.2720, -29.2211, 39.2265



196.3740, -30.7504, 16.3350

Triad

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



199.2720, -29.2211, 39.2265



182.4430, 11.1206, -67.0405



202.4720, 24.4173, 8.3561

Complementary

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



199.2720, -29.2211, 39.2265



184.7280, 29.2211, -39.2265

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.



196.1040, 29.0357, -26.4012



199.2720, -29.2211, 39.2265



180.3180, 27.4512, -78.3319

Square

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



199.2720, -29.2211, 39.2265



187.8580, -8.3110, -41.0945



187.6220, 33.2174, -61.0585



203.8040, 10.9426, 37.0059

Rectangle

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



199.2720, -29.2211, 39.2265



194.2900, -26.7650, -2.0083



187.6220, 33.2174, -61.0585



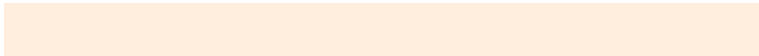
200.9760, 26.6338, -2.6100

Sweetspot

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



199.2720, -29.2211, 39.2265



240.6720, -9.2053, 12.5657



177.5940, 9.5672, 58.2381



119.1490, -5.9895, 7.7623



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

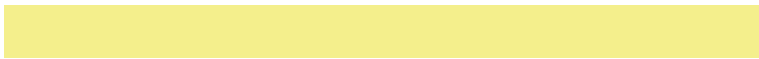
The Same Dimension uses a secret algorithm to generate beautiful new colors.



199.2720, -29.2211, 39.2265



199.0900, -36.5264, 49.0331



229.2090, -43.9800, 12.9717



117.1100, -3.5052, 4.2885



106.0960, -52.3053, 70.0758



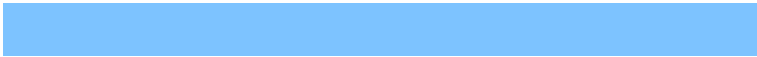
33.4900, -16.5106, 22.3723

Inverse Universe

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



184.7280, 29.2211, -39.2265



180.9100, 36.5264, -49.0331



154.7910, 43.9800, -12.9717



115.4770, 3.2158, -4.8033



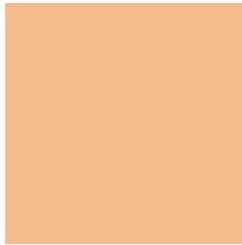
79.9040, 52.3053, -70.0758



25.5100, 16.5106, -22.3723

Previews

White Background



This preview shows how the YUV color 199.2720, -29.2211, 39.2265 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 199.2720, -29.2211, 39.2265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

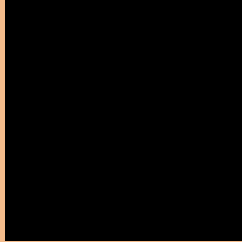
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 199.2720, -29.2211, 39.2265

Background



This preview shows how black text looks on a background with the YUV color 199.2720, -29.2211, 39.2265.



This preview shows how white text looks on a background with the YUV color 199.2720, -29.2211,

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

199.2720, -29.2211, 39.2265

Protanopia

197.3290, -25.7982, 14.6205

Deuteranopia

198.8260, -29.4942, 33.4786



Tritanopia

202.9280, -3.9085, 40.4051

Trichromacy



Original Color

199.2720, -29.2211, 39.2265

Protanomaly

198.0420, -27.1357, 23.6422

Deuteranomaly

199.1360, -29.6470, 35.8377

Tritanomaly

201.8110, -13.2178, 39.6308

Monochromacy



Original Color

199.2720, -29.2211, 39.2265

Achromatopsia

199.0000, 0.0000, 0.0000

Achromatomaly

199.0420, -10.3737, 13.9952

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.2720, -29.2211, 39.2265 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(244, 188, 140)` looks like.

```
.text, #text, p{  
    color:rgb(244, 188, 140)  
}
```

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(244, 188, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 188, 140) }
```

Border

The CSS property to change the border of an element to YUV 199.2720, -29.2211, 39.2265 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(244, 188, 140) }
```


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

```
.border{ border-color:rgb(244, 188, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 188, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 188, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 188, 140);  
box-shadow:4px 4px 4px 4px rgb(244, 188,  
140) }
```

Background

The CSS property to change the background color of an element to YUV 199.2720, -29.2211, 39.2265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 188, 140) }
```

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

```
.background{ background-color: rgb(244,  
188, 140) }
```

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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