

Converting Colors

YUV(229.6680, -13.1473,
16.9542)

Have a look what the booklet for
YUV(229.6680, -13.1473, 16.9542)
contains.

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Color

**YUV(229.6680, -13.1473,
16.9542)**

Conversions

Conversions Part 1

Format	Color
Hex	F9E1CB
RGB	249, 225, 203
RGB Percent	98%, 88%, 80%
CMY	0.0235, 0.1176, 0.2039
CMYK	0.00, 0.10, 0.18, 0.02
HSL	29°, 79%, 89%
HSV	29°, 18%, 98%
XYZ	76.7716, 78.3020, 67.5674
YIQ	229.6680, 21.3660, -1.7540

Conversions

Conversions Part 2

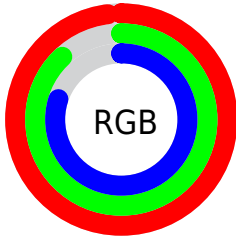
Format	Color
R _Y B	249, 245, 203
Decimal	16376267
CIE Lab	90.92, 4.80, 13.75
CIE LCh	91, 14.562, 70.770
Yxy	78.3020, 0.3448, 0.3517
Android (android.graphics.Color)	4294566347 (0xFFF9E1CB)
YUV	229.6680, -13.1473, 16.9542
Hunter-Lab	88.4884, 0.0101, 16.6696

Details

The YUV color $229.6680, -13.1473, 16.9542$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $222.3320, 13.1473, -16.9542$, and the grayscale version is $230.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $174.1840, -12.4157, 15.6246$ is the 20% darker color. If you saturate the color by 10%, you get $219.1870, -20.3052, 26.1460$, and if you desaturate by 10%, it is $240.1490, -5.9895, 7.7623$.

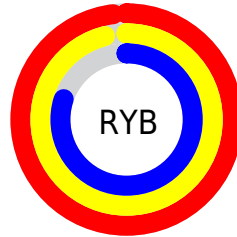
Distribution



Red (98%)

Green (88%)

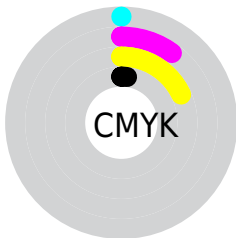
Blue (80%)



Red (98%)

Yellow (96%)

Blue (80%)

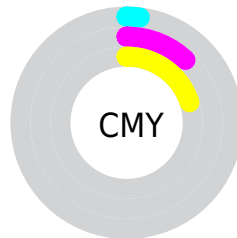


Cyan (0%)

Magenta (10%)

Yellow (18%)

Black (2%)



Cyan (2%)

Magenta (12%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 229.6680, -13.1473, 16.9542 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 229.6680, -13.1473, 16.9542 by changing the saturation by 10% instead.

229.6680,
-13.1473, 16.9542

229.6680,
-13.1473, 16.9542

255.0000, 0.0000,
0.0000

201.4830,
-12.5631, 16.2394

174.1840,
-12.4157, 15.6246

147.2980,
-11.9789, 15.5247

121.7000,
-11.6841, 14.2951

96.5150, -11.0999,
13.5803

73.0310, -10.3683,
12.2508

50.1450, -9.9315,

12.1508

■ 28.2050, -10.9471,
11.2212

■ 4.7840, -2.3585,
9.8364

■ 229.6680,
-13.1473, 16.9542

■ 229.6680,
-13.1473, 16.9542

■ 219.1870,
-20.3052, 26.1460

■ 240.1490, -5.9895,
7.7623

■ 208.7060,
-27.4631, 35.3378

■ 250.6300, 1.1684,
-1.4295

■ 198.2250,
-34.6209, 44.5297

■ 253.2060, 0.8844,
-3.6887

■ 187.7440,
-41.7788, 53.7215

■ 177.2630,
-48.9367, 62.9133

■ 166.8960,
-55.6577, 72.0052

■ 156.4150,
-62.8156, 81.1970

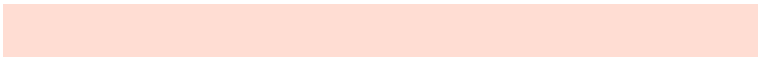
■ 145.9340,
-69.9735, 90.3889

■ 144.3040,
-71.1419, 91.8184

Harmonies

Analogous

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



230.0260, -9.3798, 21.9022



229.6680, -13.1473, 16.9542



228.3030, -12.9674, 5.8733

Triad

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



229.6680, -13.1473, 16.9542



224.1000, 4.8807, -25.5207



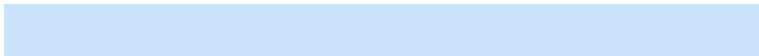
231.1500, 9.2931, 6.0075

Complementary

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



229.6680, -13.1473, 16.9542



222.3320, 13.1473, -16.9542

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.



228.6860, 12.9728, -7.6176



229.6680, -13.1473, 16.9542



224.9950, 10.8485, -26.3056

Square

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



229.6680, -13.1473, 16.9542



225.0810, -2.9979, -18.4880



226.8370, 13.8844, -20.0280



232.2070, 2.8559, 17.3585

Rectangle

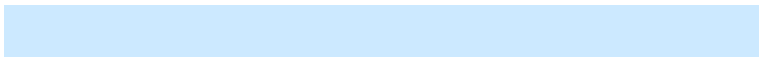
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



229.6680, -13.1473, 16.9542



226.5300, -10.6143, -2.2188



226.8370, 13.8844, -20.0280



230.2850, 11.1985, 1.5041

Sweetspot

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



229.6680, -13.1473, 16.9542



248.5940, -4.2368, 5.6181



219.6040, 4.1392, 25.7803



124.0390, -2.4842, 3.4738



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.



229.6680, -13.1473, 16.9542



231.5930, -16.0683, 20.5279



242.5820, -19.5139, 5.6286



119.4090, -3.6526, 4.9033



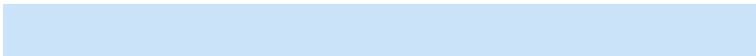
109.3410, -53.9051, 69.8609



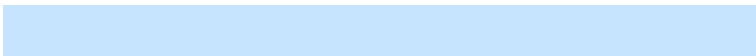
35.2620, -17.3842, 22.5722

Inverse Universe

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



222.3320, 13.1473, -16.9542



222.4070, 16.0683, -20.5279



209.4180, 19.5139, -5.6286



117.5910, 3.6526, -4.9033



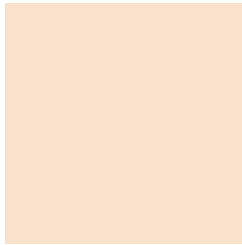
79.0720, 54.1945, -69.3461



25.7380, 17.3842, -22.5722

Previews

White Background



This preview shows how the YUV color 229.6680, -13.1473, 16.9542 looks on a white background.

Color Contrast Check

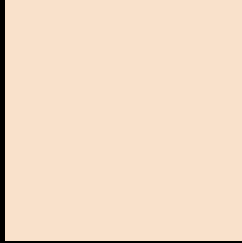
Large Text (above 18pt) WCAG AA × Fail

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 229.6680, -13.1473, 16.9542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

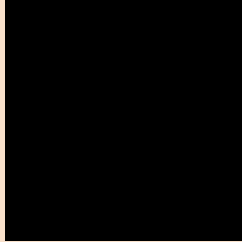
Any Text WCAG AA ✓ Pass

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 229.6680, -13.1473, 16.9542 Background



This preview shows how black text looks on a background with the YUV color 229.6680, -13.1473, 16.9542.

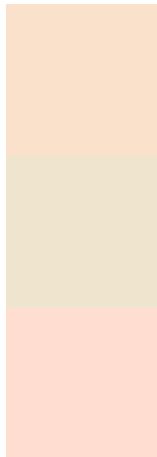


This preview shows how white text looks on a background with the YUV color 229.6680, -13.1473, 16.9542.

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

229.6680, -13.1473, 16.9542

Protanopia

228.6670, -11.6678, 9.0620

Deuteranopia

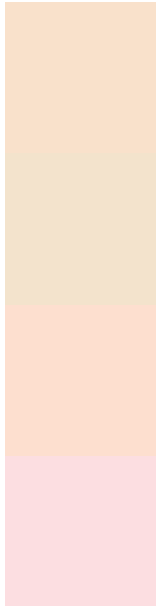
230.3850, -10.5428, 21.5874



Tritanopia

231.8050, 2.5611, 18.5880

Trichromacy



Original Color

229.6680, -13.1473, 16.9542

Protanomaly

229.1620, -12.4049, 12.1359

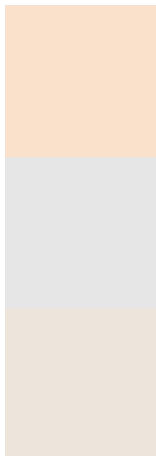
Deuteranomaly

230.1460, -11.4110, 20.0430

Tritanomaly

231.3120, -3.1118, 18.1434

Monochromacy



Original Color

229.6680, -13.1473, 16.9542

Achromatopsia

230.0000, 0.0000, 0.0000

Achromatomaly

229.7790, -4.8210, 6.3328

CSS Examples

Text

The CSS property to change the color of the text to YUV 229.6680, -13.1473, 16.9542 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(249, 225, 203)` looks like.

```
.text, #text, p{  
    color:rgb(249, 225, 203)  
}
```

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(249, 225, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 225, 203) }
```

Border

The CSS property to change the border of an element to YUV 229.6680, -13.1473, 16.9542 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(249, 225, 203) }
```


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

```
.border{ border-color:rgb(249, 225, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 225, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 225, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 225, 203);  
box-shadow:4px 4px 4px 4px rgb(249, 225,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 229.6680, -13.1473, 16.9542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 225, 203) }
```

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

```
.background{ background-color: rgb(249,  
225, 203) }
```

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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