

Converting Colors

YUV(231.0900, -26.6664,
13.0761)

Have a look what the booklet for
YUV(231.0900, -26.6664, 13.0761)
contains.

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Color

**YUV(231.0900, -26.6664,
13.0761)**

Conversions

Conversions Part 1

Format	Color
Hex	F6EAB1
RGB	246, 234, 177
RGB Percent	96%, 92%, 69%
CMY	0.0353, 0.0824, 0.3059
CMYK	0.00, 0.05, 0.28, 0.04
HSL	50°, 79%, 83%
HSV	50°, 28%, 96%
XYZ	75.3647, 81.6128, 53.3757
YIQ	231.0900, 25.4490, -15.1830

Conversions

Conversions Part 2

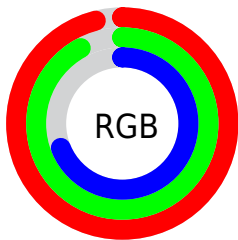
Format	Color
R_{YB}	192, 246, 177
Decimal	16181937
CIE _{Lab}	92.40, -4.47, 29.21
CIE _{LCh}	92, 29.546, 98.705
Yxy	81.6128, 0.3583, 0.3880
Android (android.graphics.Color)	4294372017 (0xFFFF6EAB1)
YUV	231.0900, -26.6664, 13.0761
Hunter-Lab	90.3398, -9.1836, 28.2074

Details

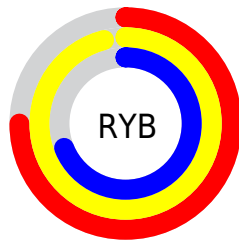
The YUV color $231.0900, -26.6664, 13.0761$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $191.9100, 26.6664, -13.0761$, and the grayscale version is $231.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.4920, -9.6096, 2.1995$, and $175.1330, -25.2086, 12.1614$ is the 20% darker color. If you saturate the color by 10%, you get $225.8920, -36.4288, 17.6347$, and if you desaturate by 10%, it is $236.2880, -16.9040, 8.5174$.

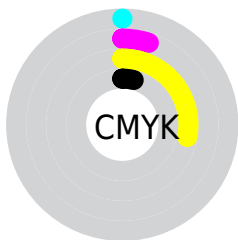
Distribution



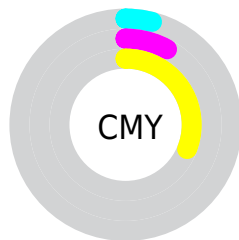
- Red (96%)
- Green (92%)
- Blue (69%)



- Red (75%)
- Yellow (96%)
- Blue (69%)



- Cyan (0%)
- Magenta (5%)
- Yellow (28%)
- Black (4%)



- Cyan (4%)
- Magenta (8%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 231.0900, -26.6664, 13.0761 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 231.0900, -26.6664, 13.0761 by changing the saturation by 10% instead.

■ 231.0900,
-26.6664, 13.0761

■ 231.0900,
-26.6664, 13.0761

255.0000, 0.0000,
0.0000

■ 202.9050,
-26.0822, 12.3613

■ 252.4920, -9.6096,
2.1995

■ 175.1330,
-25.2086, 12.1614

■ 148.6490,
-24.4770, 10.8318

■ 122.7630,
-24.0402, 10.7318

■ 97.6920, -23.0192,
9.9171

■ 73.2080, -22.2875,
8.5876

■ 50.3820, -22.8663,

7.5580

■ 30.1350, -14.8566,
5.1436

■ 7.6420, -3.7675,
-4.9480

■ 231.0900,
-26.6664, 13.0761

■ 231.0900,
-26.6664, 13.0761

■ 225.8920,
-36.4288, 17.6347

■ 236.2880,
-16.9040, 8.5174

■ 220.2210,
-45.4650, 22.6082

■ 241.9590, -7.8678,
3.5440

■ 215.0230,
-55.2273, 27.1668

■ 247.1570, 1.8946,
-1.0147

■ 209.9390,
-64.5529, 31.6255

■ 249.9610, 2.4842,
-3.4738

■ 204.7410,
-74.3153, 36.1841

■ 252.3090, 1.3267,
-5.5330

■ 198.9560,
-83.7883, 41.2576

■ 193.8720,
-93.1139, 45.7163

■ 192.7150,
-95.0085, 46.7309

Harmonies

Analogous

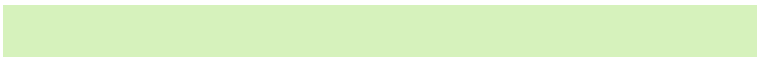
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



228.9540, -23.6413, 22.8423



231.0900, -26.6664, 13.0761



227.4720, -19.4597, -11.8149

Triad

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



231.0900, -26.6664, 13.0761



219.8060, 17.3506, -58.5889



231.4060, 11.1388, 20.6919

Complementary

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



231.0900, -26.6664, 13.0761



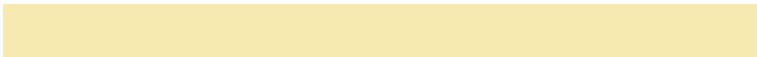
191.9100, 26.6664, -13.0761

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.



234.1230, 10.2924, 12.1701



231.0900, -26.6664, 13.0761



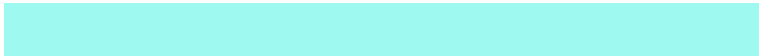
223.1500, 15.7021, -43.1045

Square

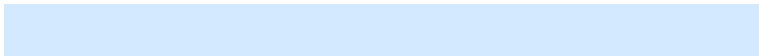
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



231.0900, -26.6664, 13.0761



220.8790, 9.9197, -55.1449



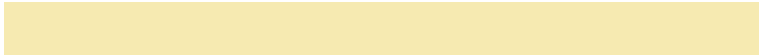
228.6310, 12.9999, -16.3394



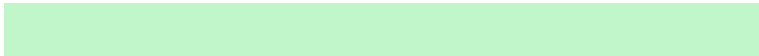
227.0400, -0.5127, 24.5209

Rectangle

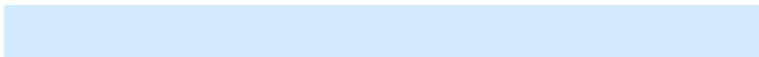
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



231.0900, -26.6664, 13.0761



225.2510, -10.9697, -28.2841



228.6310, 12.9999, -16.3394



233.2810, 10.7075, 19.0476

Sweetspot

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



231.0900, -26.6664, 13.0761



250.3720, -7.5784, 4.0588



199.1130, -4.4927, 41.1199



124.7570, -4.8102, 2.8441



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.



231.0900, -26.6664, 13.0761



236.2770, -33.6606, 16.4201



231.5560, -26.8961, -6.6266



119.4580, -4.6628, 2.2293



146.0120, -71.9839, 35.0695



45.8170, -22.5878, 11.5615

Inverse Universe

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



191.9100, 26.6664, -13.0761



186.7230, 33.6606, -16.4201



191.4440, 26.8961, 6.6266



112.5420, 4.6628, -2.2293



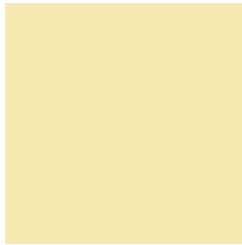
39.9880, 71.9839, -35.0695



12.5960, 22.8772, -11.0467

Previews

White Background



This preview shows how the YUV color 231.0900, -26.6664, 13.0761 looks on a white background.

Color Contrast Check

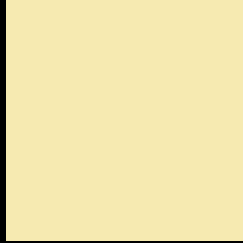
Large Text (above 18pt) WCAG AA × Fail

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 231.0900, -26.6664, 13.0761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

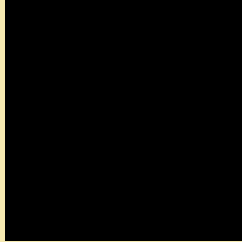
Any Text WCAG AA ✓ Pass

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 231.0900, -26.6664, 13.0761 Background



This preview shows how black text looks on a background with the YUV color 231.0900, -26.6664, 13.0761.

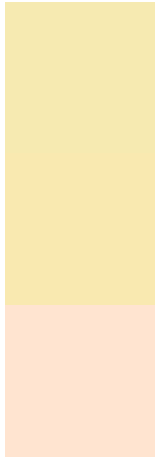


This preview shows how white text looks on a background with the YUV color 231.0900, -26.6664, 13.0761.

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

231.0900, -26.6664, 13.0761

Protanopia

231.2860, -27.2560, 15.5352

Deuteranopia

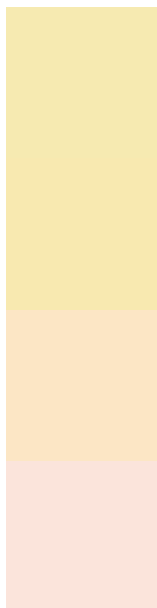
233.7930, -12.7159, 18.5985



Tritanopia

235.7230, 3.5876, 16.0289

Trichromacy



Original Color

231.0900, -26.6664, 13.0761

Protanomaly

230.9870, -27.1086, 14.9204

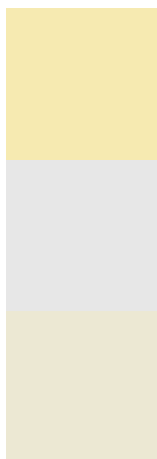
Deuteranomaly

232.8160, -17.6573, 16.8244

Tritanomaly

233.8510, -7.3215, 15.0397

Monochromacy



Original Color

231.0900, -26.6664, 13.0761

Achromatopsia

231.0000, 0.0000, 0.0000

Achromatomaly

230.8020, -9.7624, 4.5586

CSS Examples

Text

The CSS property to change the color of the text to YUV 231.0900, -26.6664, 13.0761 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(246, 234, 177)` looks like.

```
.text, #text, p{  
    color:rgb(246, 234, 177)  
}
```

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(246, 234, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 234, 177) }
```

Border

The CSS property to change the border of an element to YUV 231.0900, -26.6664, 13.0761 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(246, 234, 177) }
```


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

```
.border{ border-color:rgb(246, 234, 177) }
```

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

Here you see how a box with a 4 pixel rgb(246, 234, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 234, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 234, 177);  
box-shadow:4px 4px 4px 4px rgb(246, 234,  
177) }
```

Background

The CSS property to change the background color of an element to YUV 231.0900, -26.6664, 13.0761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 234, 177) }
```

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

```
.background{ background-color: rgb(246,  
234, 177) }
```

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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