

# Converting Colors

YUV(228.2840, -0.6330,  
16.4139)

Have a look what the booklet for  
YUV(228.2840, -0.6330, 16.4139)  
contains.

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# Color

**YUV(228.2840, -0.6330,  
16.4139)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7DBE3
RGB	247, 219, 227
RGB Percent	97%, 86%, 89%
CMY	0.0314, 0.1412, 0.1098
CMYK	0.00, 0.11, 0.08, 0.03
HSL	343°, 64%, 91%
HSV	343°, 11%, 97%
XYZ	77.5544, 75.9832, 83.2517
YIQ	228.2840, 14.1200, 8.4240

# Conversions

## Conversions Part 2

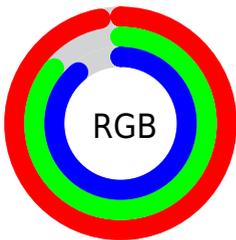
Format	Color
R <sub>Y</sub> B	247, 219, 227
Decimal	16243683
CIE Lab	89.85, 10.97, -0.38
CIE LCh	90, 10.975, 358.012
Yxy	75.9832, 0.3275, 0.3209
Android (android.graphics.Color)	4294433763 (0xFFF7DBE3)
YUV	228.2840, -0.6330, 16.4139
Hunter-Lab	87.1684, 6.2683, 4.3919

# Details

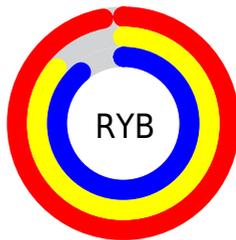
The YUV color  $228.2840, -0.6330, 16.4139$  is a light color, and the websafe version is hex  $\text{FFCCCC}$ . A complement of this color would be  $237.7160, 0.6330, -16.4139$ , and the grayscale version is  $228.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $172.9850, -0.4856, 15.7992$  is the 20% darker color. If you saturate the color by 10%, you get  $211.5570, -1.2606, 31.0835$ , and if you desaturate by 10%, it is  $245.0110, -0.0054, 1.7444$ .

# Distribution



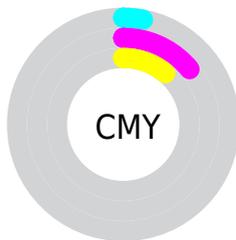
- Red (97%)
- Green (86%)
- Blue (89%)



- Red (97%)
- Yellow (86%)
- Blue (89%)



- Cyan (0%)
- Magenta (11%)
- Yellow (8%)
- Black (3%)



- Cyan (3%)
- Magenta (14%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 228.2840, -0.6330, 16.4139 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 228.2840, -0.6330, 16.4139 by changing the saturation by 10% instead.

 228.2840, -0.6330,  
16.4139

 228.2840, -0.6330,  
16.4139

255.0000, 0.0000,  
0.0000

 199.9850, -0.4856,  
15.7992

 172.9850, -0.4856,  
15.7992

 146.2730, -0.6276,  
14.6696

 120.3870, -0.1908,  
14.5696

 95.6750, -0.3328,  
13.4400

 71.6750, -0.3328,  
13.4400

 49.0770, -0.0380,

12.2105

■ 28.3650, -0.1799,  
11.0809

■ 6.6920, -2.8062,  
13.4251

■ 228.2840, -0.6330,  
16.4139

■ 228.2840, -0.6330,  
16.4139

■ 211.5570, -1.2606,  
31.0835

■ 245.0110, -0.0054,  
1.7444

■ 195.5310, -1.7408,  
45.1383

■ 252.6080, 1.1793,  
-4.9182

■ 178.8040, -2.3684,  
59.8079

■ 162.0770, -2.9960,  
74.4775

■ 145.4640, -3.1868,  
89.0471

■ 129.3240, -4.1037,  
103.2019

■ 112.5970, -4.7313,  
117.8714

■ 95.9840, -4.9221,  
132.4410

■ 81.9470, -5.3969,  
144.7515

# Harmonies

## Analogous

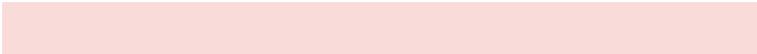
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



228.2060, 4.3354, 9.4663



228.2840, -0.6330, 16.4139



227.7420, -5.2958, 18.6433

# Triad

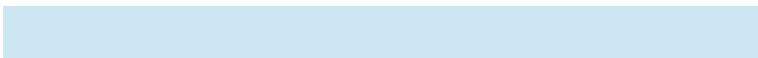
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



228.2840, -0.6330, 16.4139



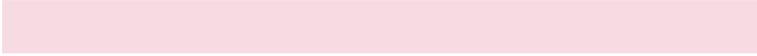
224.4100, -8.5831, -0.3596



223.7080, 9.5110, -17.2839

# Complementary

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



228.2840, -0.6330, 16.4139



237.7160, 0.6330, -16.4139

# Split Complementary

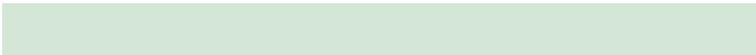
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



222.7740, 6.0274, -19.9728



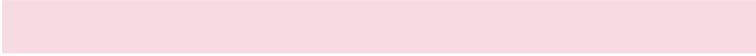
228.2840, -0.6330, 16.4139



223.4950, -4.1880, -10.0811

# Square

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



228.2840, -0.6330, 16.4139



226.0090, -10.3574, 8.7621



222.5310, 1.2172, -17.1287



225.3930, 10.6523, -9.9917

# Rectangle

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



228.2840, -0.6330, 16.4139



227.6340, -8.2006, 16.9840



222.5310, 1.2172, -17.1287



223.4690, 8.6428, -18.8283

# Sweetspot

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



228.2840, -0.6330, 16.4139



249.7340, 0.1311, 4.6183



228.1720, 9.2822, 9.4962



124.0220, -0.0108, 3.4887



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.



228.2840, -0.6330, 16.4139



230.9040, -0.9387, 21.1322



230.8940, -5.8637, 14.1250



114.0440, -0.0217, 6.9774



61.6560, -4.2674, 109.0497



19.5790, -1.2714, 34.5722



# Inverse Universe

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



228.2840, -0.6330, 16.4139



230.9040, -0.9387, 21.1322



235.1060, 5.8637, -14.1250



114.0440, -0.0217, 6.9774



61.6560, -4.2674, 109.0497



19.5790, -1.2714, 34.5722



# Previews

## White Background



This preview shows how the YUV color 228.2840, -0.6330, 16.4139 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 228.2840, -0.6330, 16.4139 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

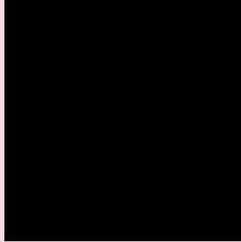
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 228.2840, -0.6330, 16.4139

## Background



This preview shows how black text looks on a background with the YUV color 228.2840, -0.6330, 16.4139.



This preview shows how white text looks on a background with the YUV color 228.2840, -0.6330,



# 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

228.2840, -0.6330, 16.4139

### Protanopia

226.7660, 1.5944, 1.9592

### Deuteranopia

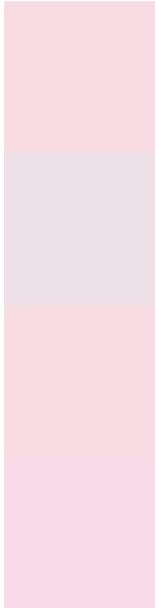
228.2840, -0.6330, 16.4139



## Tritanopia

228.9080, 3.0034, 16.7437

# Trichromacy



## Original Color

228.2840, -0.6330, 16.4139

## Protanomaly

227.5710, 0.7045, 7.3922

## Deuteranomaly

228.2840, -0.6330, 16.4139

## Tritanomaly

228.5660, 1.6930, 17.0436

# Monochromacy



## Original Color

228.2840, -0.6330, 16.4139

## Achromatopsia

228.0000, 0.0000, 0.0000

## Achromatomaly

228.3320, -0.1637, 5.8478

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 228.2840, -0.6330, 16.4139 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(247, 219, 227)` looks like.

```
.text, #text, p{  
    color:rgb(247, 219, 227)  
}
```

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(247, 219, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 219, 227) }
```

## Border

The CSS property to change the border of an element to YUV 228.2840, -0.6330, 16.4139 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(247, 219, 227) }
```

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

```
.border{ border-color:rgb(247, 219, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 219, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 219, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 219, 227);  
box-shadow:4px 4px 4px 4px rgb(247, 219,  
227) }
```

# Background

The CSS property to change the background color of an element to YUV 228.2840, -0.6330, 16.4139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 219, 227) }
```

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

```
.background{ background-color: rgb(247,  
219, 227) }
```

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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