

Converting Colors

YUV(226.8110, 0.0932, 16.8288)

Have a look what the booklet for
YUV(226.8110, 0.0932, 16.8288)
contains.

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Color

**YUV(226.8110, 0.0932,
16.8288)**

Conversions

Conversions Part 1

Format	Color
Hex	F6D9E3
RGB	246, 217, 227
RGB Percent	96%, 85%, 89%
CMY	0.0353, 0.1490, 0.1098
CMYK	0.00, 0.12, 0.08, 0.04
HSL	339°, 62%, 91%
HSV	339°, 12%, 96%
XYZ	76.6840, 74.7646, 83.0624
YIQ	226.8110, 14.0740, 9.2580

Conversions

Conversions Part 2

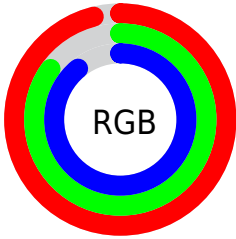
Format	Color
R _Y B	246, 217, 227
Decimal	16177635
CIE Lab	89.28, 11.67, -1.22
CIE LCh	89, 11.730, 354.016
Yxy	74.7646, 0.3270, 0.3188
Android (android.graphics.Color)	4294367715 (0xFFFF6D9E3)
YUV	226.8110, 0.0932, 16.8288
Hunter-Lab	86.4665, 6.9888, 3.5708

Details

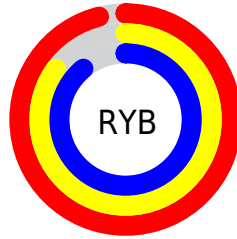
The YUV color $226.8110, 0.0932, 16.8288$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $236.1890, -0.0932, -16.8288$, and the grayscale version is $227.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $171.5120, 0.2406, 16.2140$ is the 20% darker color. If you saturate the color by 10%, you get $210.3120, 0.3392, 31.2984$, and if you desaturate by 10%, it is $243.3100, -0.1528, 2.3591$.

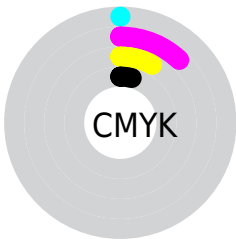
Distribution



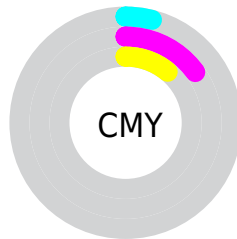
- Red (96%)
- Green (85%)
- Blue (89%)



- Red (96%)
- Yellow (85%)
- Blue (89%)



- Cyan (0%)
- Magenta (12%)
- Yellow (8%)
- Black (4%)





- Cyan (4%)
- Magenta (15%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 226.8110, 0.0932, 16.8288 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 226.8110, 0.0932, 16.8288 by changing the saturation by 10% instead.


 226.8110, 0.0932,
16.8288

 226.8110, 0.0932,
16.8288


255.0000, 0.0000,
0.0000

 198.5120, 0.2406,
16.2140

 171.5120, 0.2406,
16.2140

 144.8000, 0.0986,
15.0844

 118.9140, 0.5354,
14.9844

 94.2020, 0.3934,
13.8548

 70.7890, 0.1040,
13.3400

 48.1910, 0.3988,

12.1105

■ 26.8920, 0.5462,
11.4957

■ 5.9800, -2.9481,
12.2955

■ 226.8110, 0.0932,
16.8288

■ 226.8110, 0.0932,
16.8288

■ 210.3120, 0.3392,
31.2984

■ 243.3100, -0.1528,
2.3591

■ 194.4000, 0.2958,
45.2532

■ 252.3090, 1.3267,
-5.5330

■ 177.9010, 0.5418,
59.7228

■ 161.9890, 0.4984,
73.6776

■ 145.3760, 0.3076,
88.2472

■ 128.8770, 0.5536,
102.7169

■ 112.9650, 0.5103,
116.6717

■ 96.4660, 0.7563,
131.1413

■ 83.2440, 0.8657,
142.7370

Harmonies

Analogous

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



226.5480, 5.6458, 9.1664



226.8110, 0.0932, 16.8288



226.4540, -5.1538, 19.7728

Triad

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



226.8110, 0.0932, 16.8288



222.8940, -9.3147, 0.9700



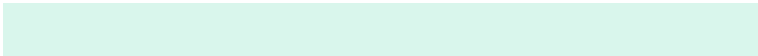
221.8110, 9.9532, -19.1282

Complementary

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



226.8110, 0.0932, 16.8288



236.1890, -0.0932, -16.8288

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.



221.0620, 5.8854, -21.1024



226.8110, 0.0932, 16.8288



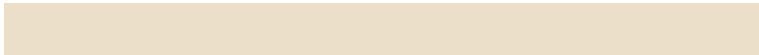
221.5660, -5.2090, -9.2664

Square

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



226.8110, 0.0932, 16.8288



224.4930, -11.0890, 10.0916



221.0040, 0.4910, -17.5435



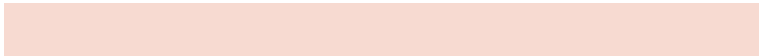
223.4960, 11.0945, -11.8360

Rectangle

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



226.8110, 0.0932, 16.8288



225.6450, -8.2060, 18.7283



221.0040, 0.4910, -17.5435



221.4580, 8.6482, -20.5727

Sweetspot

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



226.8110, 0.0932, 16.8288



248.3320, -0.1637, 5.8478



225.9870, 9.8664, 8.7814



123.3210, -0.1583, 4.1035



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

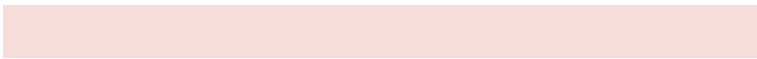
The Same Dimension uses a secret algorithm to generate beautiful new colors.



226.8110, 0.0932, 16.8288



231.2460, 0.3717, 20.8323



228.0190, -5.4324, 15.7693



114.0440, -0.0217, 6.9774



62.9100, 0.5374, 107.9499



19.9210, 0.0389, 34.2723

Inverse Universe

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



226.8110, 0.0932, 16.8288



231.2460, 0.3717, 20.8323



234.9810, 5.4324, -15.7693



114.0440, -0.0217, 6.9774



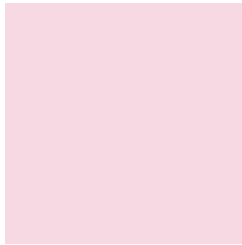
62.9100, 0.5374, 107.9499



19.9210, 0.0389, 34.2723

Previews

White Background



This preview shows how the YUV color 226.8110, 0.0932, 16.8288 looks on a white background.

Color Contrast Check

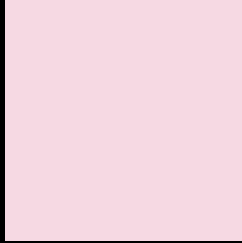
Large Text (above 18pt) WCAG AA × Fail

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 226.8110, 0.0932, 16.8288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

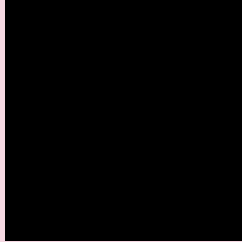
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 226.8110, 0.0932, 16.8288

Background



This preview shows how black text looks on a background with the YUV color 226.8110, 0.0932, 16.8288.



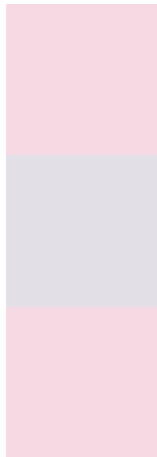
This preview shows how white text looks on a background with the YUV color 226.8110, 0.0932,

16.8288.

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

226.8110, 0.0932, 16.8288

Protanopia

225.1080, 2.9048, 1.6593

Deuteranopia

226.5120, 0.2406, 16.2140



Tritanopia

227.2070, 2.8559, 17.3585

Trichromacy



Original Color

226.8110, 0.0932, 16.8288

Protanomaly

225.9130, 2.0149, 7.0923

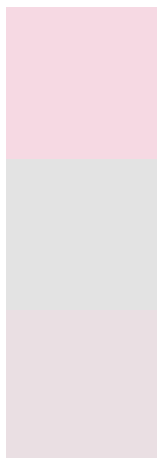
Deuteranomaly

226.5120, 0.2406, 16.2140

Tritanomaly

226.9790, 1.9824, 17.5584

Monochromacy



Original Color

226.8110, 0.0932, 16.8288

Achromatopsia

227.0000, 0.0000, 0.0000

Achromatomaly

226.7450, 0.1257, 6.3626

CSS Examples

Text

The CSS property to change the color of the text to YUV 226.8110, 0.0932, 16.8288 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, 217, 227)` looks like.

```
.text, #text, p{  
    color:rgb(246, 217, 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(246, 217, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 217, 227) }
```

Border

The CSS property to change the border of an element to YUV 226.8110, 0.0932, 16.8288 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, 217, 227) }
```


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

```
.border{ border-color:rgb(246, 217, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 217, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 217, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 217, 227);  
box-shadow:4px 4px 4px 4px rgb(246, 217,  
227) }
```

Background

The CSS property to change the background color of an element to YUV 226.8110, 0.0932, 16.8288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 217, 227) }
```

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

```
.background{ background-color: rgb(246,  
217, 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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