

Converting Colors

YUV(236.6920, -2.8062,
13.4251)

Have a look what the booklet for
YUV(236.6920, -2.8062, 13.4251)
contains.

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Color

**YUV(236.6920, -2.8062,
13.4251)**

Conversions

Conversions Part 1

Format	Color
Hex	FCE6E7
RGB	252, 230, 231
RGB Percent	99%, 90%, 91%
CMY	0.0118, 0.0980, 0.0941
CMYK	0.00, 0.09, 0.08, 0.01
HSL	357°, 79%, 95%
HSV	357°, 9%, 99%
XYZ	82.8655, 83.0586, 87.2657
YIQ	236.6920, 12.7910, 4.9750

Conversions

Conversions Part 2

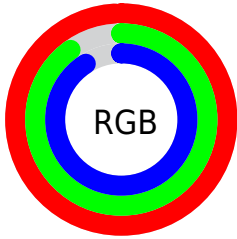
Format	Color
R _Y B	252, 230, 231
Decimal	16574183
CIE Lab	93.04, 7.66, 2.22
CIE LCh	93, 7.972, 16.195
Yxy	83.0586, 0.3273, 0.3280
Android (android.graphics.Color)	4294764263 (0xFFFC6E7)
YUV	236.6920, -2.8062, 13.4251
Hunter-Lab	91.1365, 2.8116, 7.0237

Details

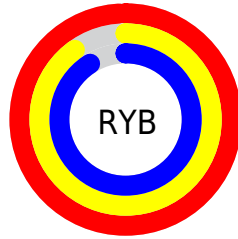
The YUV color $236.6920, -2.8062, 13.4251$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $245.3080, 2.8062, -13.4251$, and the grayscale version is $237.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $180.9800, -2.9481, 12.2955$ is the 20% darker color. If you saturate the color by 10%, you get $219.2810, -6.0545, 28.6946$, and if you desaturate by 10%, it is $254.1030, 0.4422, -1.8443$.

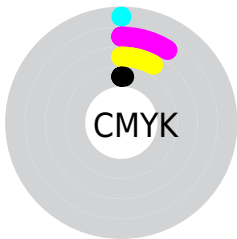
Distribution



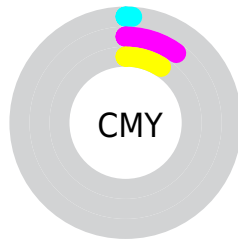
- Red (99%)
- Green (90%)
- Blue (91%)



- Red (99%)
- Yellow (90%)
- Blue (91%)



- Cyan (0%)
- Magenta (9%)
- Yellow (8%)
- Black (1%)




- Cyan (1%)
- Magenta (10%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the YUV color 236.6920, -2.8062, 13.4251 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 236.6920, -2.8062, 13.4251 by changing the saturation by 10% instead.


 236.6920, -2.8062,
13.4251

 236.6920, -2.8062,
13.4251


255.0000, 0.0000,
0.0000


 208.3930, -2.6587,
12.8103

 180.9800, -2.9481,
12.2955

 154.0940, -2.5113,
12.1956

 128.0940, -2.5113,
12.1956

 102.7950, -2.3639,
11.5808

 78.4960, -2.2165,
10.9660

 55.8980, -1.9217,

9.7365

■ 34.5990, -1.7743,
9.1217

■ 11.3930, -2.6587,
12.8103

■ 236.6920, -2.8062,
13.4251

■ 236.6920, -2.8062,
13.4251

■ 219.2810, -6.0545,
28.6946

■ 254.1030, 0.4422,
-1.8443

■ 201.8700, -9.3029,
43.9640

■ 183.8720,
-12.2619, 59.7483

■ 166.4610,
-15.5103, 75.0177

■ 149.0500,
-18.7586, 90.2872

■ 131.6390,
-22.0070, 105.5566

■ 114.2280,
-25.2554, 120.8260

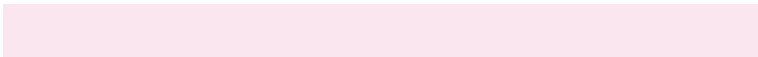
■ 96.2300, -28.2144,
136.6103

■ 78.8190, -31.4628,
151.8797

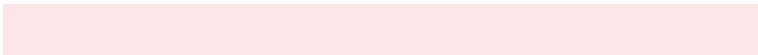
Harmonies

Analogous

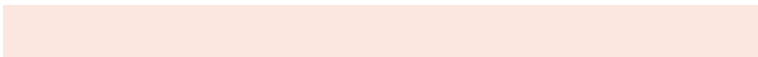
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



236.7070, 1.1304, 10.7810



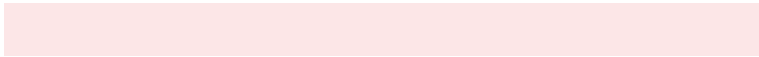
236.6920, -2.8062, 13.4251



236.1820, -6.0057, 12.9954

Triad

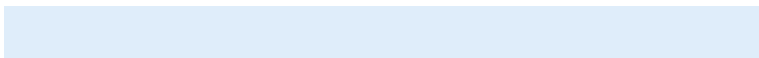
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



236.6920, -2.8062, 13.4251



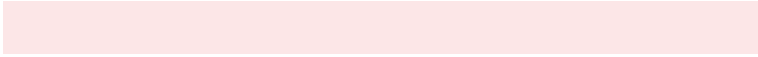
233.4140, -4.6411, -4.7481



234.2960, 7.7421, -9.9066

Complementary

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



236.6920, -2.8062, 13.4251



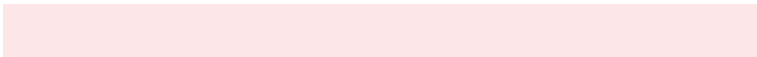
245.3080, 2.8062, -13.4251

Split Complementary

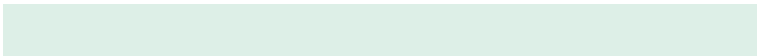
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



233.5190, 6.1531, -13.6102



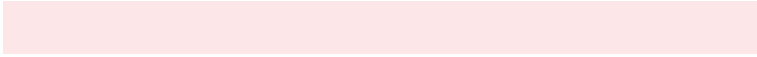
236.6920, -2.8062, 13.4251



232.7060, -0.8411, -10.2662

Square

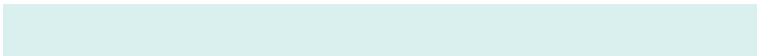
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



236.6920, -2.8062, 13.4251



234.4750, -7.1362, 2.2144



233.0090, 2.9536, -14.0399



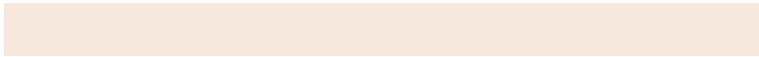
235.2260, 7.2836, -2.8292

Rectangle

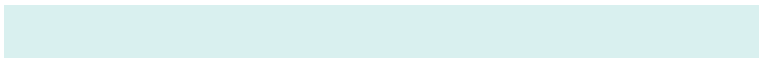
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



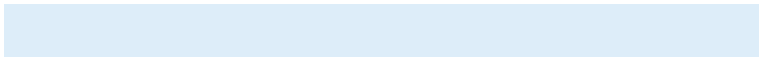
236.6920, -2.8062, 13.4251



235.2310, -7.0159, 10.3214



233.0090, 2.9536, -14.0399



233.5840, 7.6001, -11.0362

Sweetspot

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



236.6920, -2.8062, 13.4251



249.5060, -0.7425, 4.8182



238.7870, 6.5140, 10.7108



123.9080, -0.4476, 3.5887



0.0000, 0.0000, 0.0000



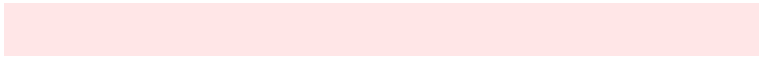
128.0000, 0.0000, 0.0000

Same Dimension

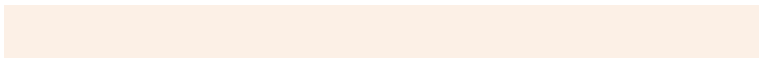
The Same Dimension uses a secret algorithm to generate beautiful new colors.



236.6920, -2.8062, 13.4251



237.5890, -3.2484, 15.2694



242.4480, -6.1369, 8.3771



116.0010, -1.4795, 7.8921



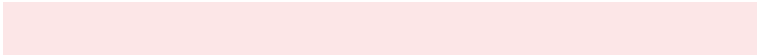
57.5370, -23.9287, 115.2931



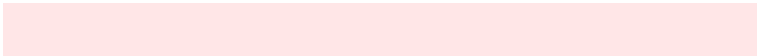
18.5810, -7.6814, 37.2015

Inverse Universe

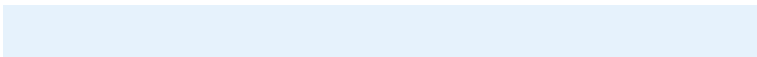
The Inverse Universe completely reimagines the original color for something new.



236.6920, -2.8062, 13.4251



237.5890, -3.2484, 15.2694



239.5520, 6.1369, -8.3771



116.0010, -1.4795, 7.8921



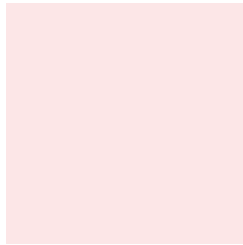
57.5370, -23.9287, 115.2931



18.5810, -7.6814, 37.2015

Previews

White Background



This preview shows how the YUV color 236.6920, -2.8062, 13.4251 looks on a white background.

Color Contrast Check

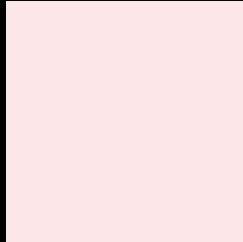
Large Text (above 18pt) WCAG AA × Fail

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 236.6920, -2.8062, 13.4251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

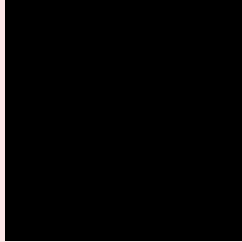
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

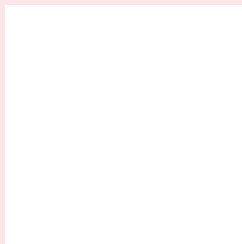
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 236.6920, -2.8062, 13.4251

Background



This preview shows how black text looks on a background with the YUV color 236.6920, -2.8062, 13.4251.



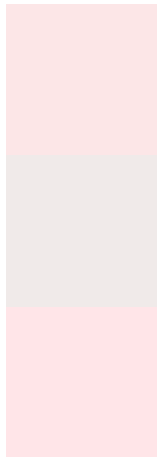
This preview shows how white text looks on a background with the YUV color 236.6920, -2.8062,

13.4251.

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

236.6920, -2.8062, 13.4251

Protanopia

235.6800, -1.3212, 3.7886

Deuteranopia

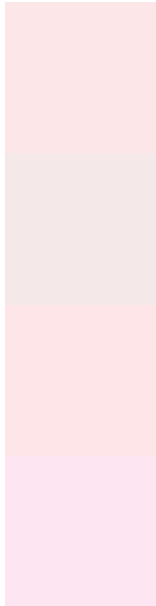
237.1160, -2.5222, 15.6843



Tritanopia

237.8260, 4.0298, 14.1846

Trichromacy



Original Color

236.6920, -2.8062, 13.4251

Protanomaly

236.1750, -2.0583, 6.8625

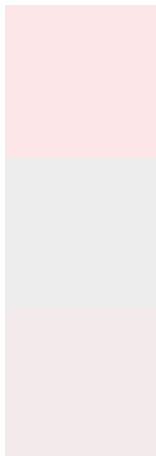
Deuteranomaly

236.8170, -2.3748, 15.0695

Tritanomaly

237.5440, 1.7038, 13.5549

Monochromacy



Original Color

236.6920, -2.8062, 13.4251

Achromatopsia

237.0000, 0.0000, 0.0000

Achromatomaly

236.5060, -0.7425, 4.8182

CSS Examples

Text

The CSS property to change the color of the text to YUV 236.6920, -2.8062, 13.4251 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(252, 230, 231)` looks like.

```
.text, #text, p{  
    color:rgb(252, 230, 231)  
}
```

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(252, 230, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 230, 231) }
```

Border

The CSS property to change the border of an element to YUV 236.6920, -2.8062, 13.4251 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(252, 230, 231) }
```


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

```
.border{ border-color:rgb(252, 230, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 230, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 230, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 230, 231);  
box-shadow:4px 4px 4px 4px rgb(252, 230,  
231) }
```

Background

The CSS property to change the background color of an element to YUV 236.6920, -2.8062, 13.4251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 230, 231) }
```

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

```
.background{ background-color: rgb(252,  
230, 231) }
```

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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