

Converting Colors

YUV(234.6270, -4.2531,
10.8511)

Have a look what the booklet for
YUV(234.6270, -4.2531, 10.8511)
contains.

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Color

**YUV(234.6270, -4.2531,
10.8511)**

Conversions

Conversions Part 1

Format	Color
Hex	F7E6E2
RGB	247, 230, 226
RGB Percent	97%, 90%, 89%
CMY	0.0314, 0.0980, 0.1137
CMYK	0.00, 0.07, 0.09, 0.03
HSL	11°, 57%, 93%
HSV	11°, 9%, 97%
XYZ	80.3821, 81.8588, 83.5152
YIQ	234.6270, 11.4160, 2.3600

Conversions

Conversions Part 2

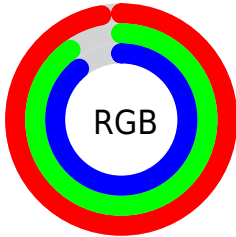
Format	Color
R _Y B	247, 231, 226
Decimal	16246498
CIE Lab	92.51, 5.11, 4.01
CIE LCh	93, 6.498, 38.156
Yxy	81.8588, 0.3271, 0.3331
Android (android.graphics.Color)	4294436578 (0xFF7E6E2)
YUV	234.6270, -4.2531, 10.8511
Hunter-Lab	90.4758, 0.2532, 8.6045

Details

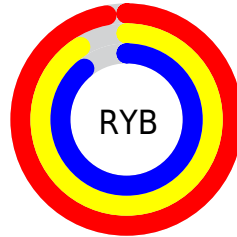
The YUV color $234.6270, -4.2531, 10.8511$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $238.3730, 4.2531, -10.8511$, and the grayscale version is $235.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $179.3280, -4.1057, 10.2363$ is the 20% darker color. If you saturate the color by 10%, you get $220.0370, -9.3852, 23.6466$, and if you desaturate by 10%, it is $249.2170, 0.8790, -1.9443$.

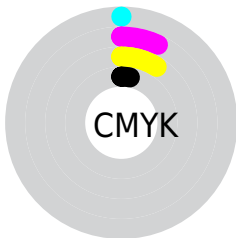
Distribution



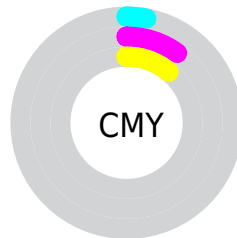
- Red (97%)
- Green (90%)
- Blue (89%)



- Red (97%)
- Yellow (91%)
- Blue (89%)



- Cyan (0%)
- Magenta (7%)
- Yellow (9%)
- Black (3%)




- Cyan (3%)
- Magenta (10%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 234.6270, -4.2531, 10.8511 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 234.6270, -4.2531, 10.8511 by changing the saturation by 10% instead.

 234.6270, -4.2531,
10.8511


 234.6270, -4.2531,
10.8511


255.0000, 0.0000,
0.0000


 206.3280, -4.1057,
10.2363

 179.3280, -4.1057,
10.2363

 152.0290, -3.9583,
9.6216

 126.1430, -3.5215,
9.5216

 101.1430, -3.5215,
9.5216

 77.4310, -3.6635,
8.3920

 54.5450, -3.2267,

8.2920

■ 32.9470, -2.9319,
7.0625

■ 9.5130, -4.6899,
10.9511

■ 234.6270, -4.2531,
10.8511

■ 234.6270, -4.2531,
10.8511

■ 220.0370, -9.3852,
23.6466

■ 249.2170, 0.8790,
-1.9443

■ 205.5610,
-14.0806, 36.3420

■ 252.6080, 1.1793,
-4.9182

■ 190.9710,
-19.2127, 49.1374

■ 176.3810,
-24.3448, 61.9329

■ 161.7910,
-29.4770, 74.7283

■ 147.3150,
-34.1723, 87.4237

■ 132.7250,
-39.3044, 100.2192

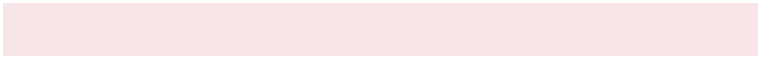
■ 118.1350,
-44.4366, 113.0146

■ 103.6590,
-49.1319, 125.7101

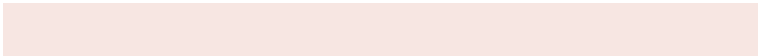
Harmonies

Analogous

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



234.7240, -1.3429, 10.7661



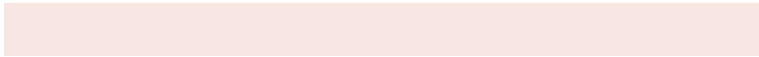
234.6270, -4.2531, 10.8511



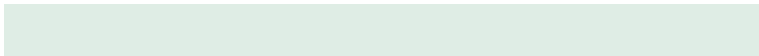
234.1490, -5.9895, 7.7623

Triad

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



234.6270, -4.2531, 10.8511



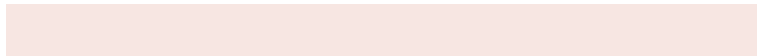
231.9020, -1.4307, -7.8071



233.2860, 6.2680, -3.7588

Complementary

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



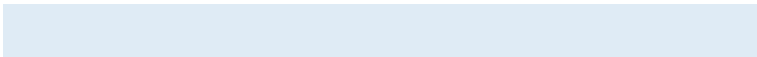
234.6270, -4.2531, 10.8511



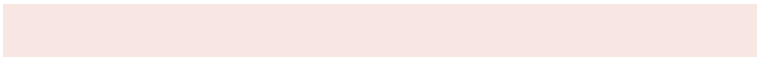
238.3730, 4.2531, -10.8511

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.



232.5520, 6.1369, -8.3771



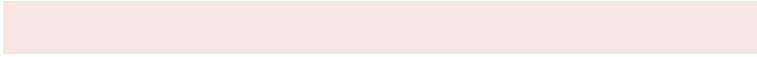
234.6270, -4.2531, 10.8511



231.3900, 1.7797, -10.8660

Square

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



234.6270, -4.2531, 10.8511



232.8380, -4.3571, -2.4889



232.0740, 4.4005, -11.4659



234.1620, 4.3571, 2.4889

Rectangle

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



234.6270, -4.2531, 10.8511



233.4260, -6.1260, 4.8884



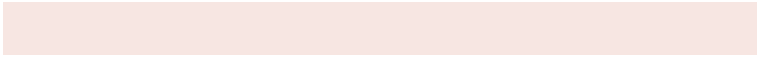
232.0740, 4.4005, -11.4659



233.2750, 6.2734, -5.5032

Sweetspot

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



234.6270, -4.2531, 10.8511



250.5660, -1.7580, 3.8886



234.2170, 4.3300, 11.2107



124.3810, -1.1738, 3.1739



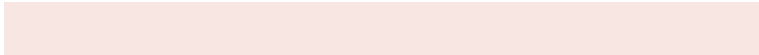
0.0000, 0.0000, 0.0000



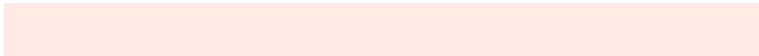
128.0000, 0.0000, 0.0000

Same Dimension

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



234.6270, -4.2531, 10.8511



239.8230, -4.8427, 13.3102



240.4970, -7.1470, 5.7031



114.7620, -2.3477, 6.3477



76.1590, -37.5464, 96.3306



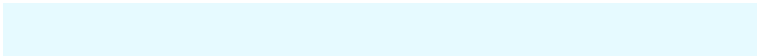
24.0980, -11.8803, 30.6091

Inverse Universe

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



238.3730, 4.2531, -10.8511



244.5900, 5.1321, -12.7954



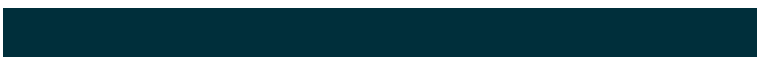
232.5030, 7.1470, -5.7031



117.2380, 2.3477, -6.3477



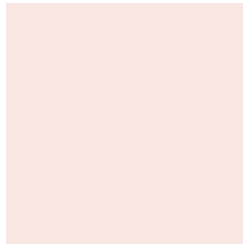
109.8410, 37.5464, -96.3306



34.3150, 12.1697, -30.0943

Previews

White Background



This preview shows how the YUV color 234.6270, -4.2531, 10.8511 looks on a white background.

Color Contrast Check

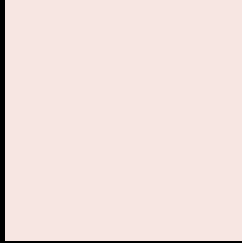
Large Text (above 18pt) WCAG AA × Fail

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 234.6270, -4.2531, 10.8511 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

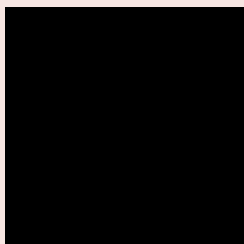
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

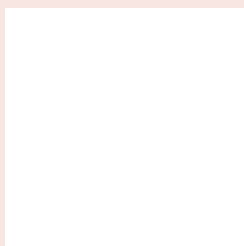
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 234.6270, -4.2531, 10.8511

Background



This preview shows how black text looks on a background with the YUV color 234.6270, -4.2531, 10.8511.



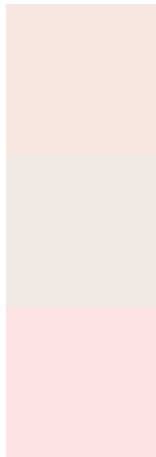
This preview shows how white text looks on a background with the YUV color 234.6270, -4.2531,

10.8511.

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

234.6270, -4.2531, 10.8511

Protanopia

234.1100, -3.5052, 4.2885

Deuteranopia

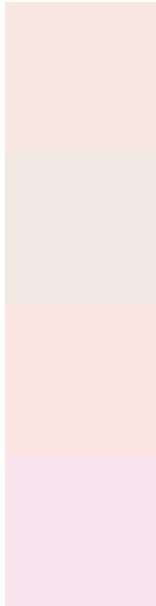
235.4860, -3.6906, 17.1138



Tritanopia

235.9290, 4.4720, 12.3403

Trichromacy



Original Color

234.6270, -4.2531, 10.8511

Protanomaly

234.4200, -3.6581, 6.6477

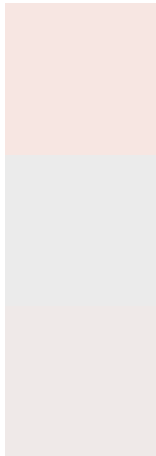
Deuteranomaly

235.0620, -3.9746, 14.8546

Tritanomaly

235.4190, 1.2724, 11.9105

Monochromacy



Original Color

234.6270, -4.2531, 10.8511

Achromatopsia

235.0000, 0.0000, 0.0000

Achromatomaly

234.6800, -1.3212, 3.7886

CSS Examples

Text

The CSS property to change the color of the text to YUV 234.6270, -4.2531, 10.8511 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, 230, 226)` looks like.

```
.text, #text, p{  
    color:rgb(247, 230, 226)  
}
```

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, 230, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 230, 226) }
```

Border

The CSS property to change the border of an element to YUV 234.6270, -4.2531, 10.8511 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, 230, 226) }
```


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

```
.border{ border-color:rgb(247, 230, 226) }
```

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

Here you see how a box with a 4 pixel rgb(247, 230, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 230, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 230, 226);  
box-shadow:4px 4px 4px 4px rgb(247, 230,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 234.6270, -4.2531, 10.8511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 230, 226) }
```

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

```
.background{ background-color: rgb(247,  
230, 226) }
```

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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