

Converting Colors

YUV(233.3330, -1.6432,
13.7400)

Have a look what the booklet for
YUV(233.3330, -1.6432, 13.7400)
contains.

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Color

**YUV(233.3330, -1.6432,
13.7400)**

Conversions

Conversions Part 1

Format	Color
Hex	F9E2E6
RGB	249, 226, 230
RGB Percent	98%, 89%, 90%
CMY	0.0235, 0.1137, 0.0980
CMYK	0.00, 0.09, 0.08, 0.02
HSL	350°, 66%, 93%
HSV	350°, 9%, 98%
XYZ	80.5462, 80.2456, 86.1066
YIQ	233.3330, 12.4240, 6.1200

Conversions

Conversions Part 2

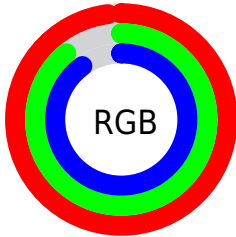
Format	Color
R _Y B	249, 226, 230
Decimal	16376550
CIE Lab	91.79, 8.52, 0.90
CIE LCh	92, 8.572, 6.046
Yxy	80.2456, 0.3262, 0.3250
Android (android.graphics.Color)	4294566630 (0xFF9E2E6)
YUV	233.3330, -1.6432, 13.7400
Hunter-Lab	89.5799, 3.7343, 5.7148

Details

The YUV color $233.3330, -1.6432, 13.7400$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $241.6670, 1.6432, -13.7400$, and the grayscale version is $233.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $177.7350, -1.3484, 12.5104$ is the 20% darker color. If you saturate the color by 10%, you get $216.2640, -3.5812, 28.7095$, and if you desaturate by 10%, it is $250.4020, 0.2948, -1.2296$.

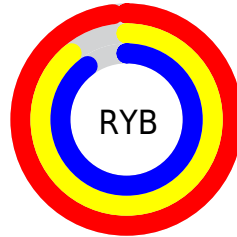
Distribution



Red (98%)

Green (89%)

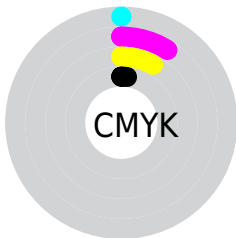
Blue (90%)



Red (98%)

Yellow (89%)

Blue (90%)

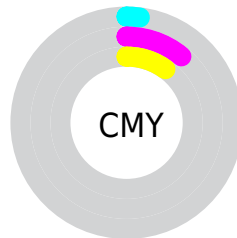


Cyan (0%)

Magenta (9%)

Yellow (8%)

Black (2%)



Cyan (2%)

Magenta (11%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 233.3330, -1.6432, 13.7400 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 233.3330, -1.6432, 13.7400 by changing the saturation by 10% instead.

233.3330, -1.6432,
13.7400

233.3330, -1.6432,
13.7400

255.0000, 0.0000,
0.0000

205.0340, -1.4958,
13.1252

177.7350, -1.3484,
12.5104

150.7350, -1.3484,
12.5104

125.3220, -1.6377,
11.9956

100.0230, -1.4903,
11.3808

76.1370, -1.0535,
11.2809

53.4250, -1.1955,

10.1513

■ 32.1260, -1.0481,
9.5365

■ 7.7460, -1.3538,
14.2548

■ 233.3330, -1.6432,
13.7400

■ 233.3330, -1.6432,
13.7400

■ 216.2640, -3.5812,
28.7095

■ 250.4020, 0.2948,
-1.2296

■ 199.3090, -5.0823,
43.5790

■ 253.2060, 0.8844,
-3.6887

■ 182.2400, -7.0203,
58.5485

■ 165.2850, -8.5215,
73.4181

■ 148.8030,
-10.7489, 87.8728

■ 131.8480,
-12.2501, 102.7423

■ 114.7790,
-14.1880, 117.7118

■ 97.7100, -16.1260,
132.6813

■ 80.7550, -17.6272,
147.5509

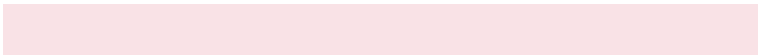
Harmonies

Analogous

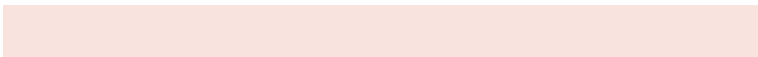
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



233.3370, 2.2989, 9.3515



233.3330, -1.6432, 13.7400



233.0080, -5.4269, 14.0250

Triad

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



233.3330, -1.6432, 13.7400



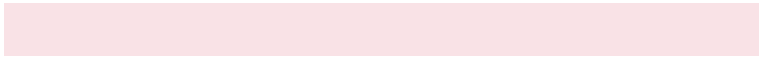
230.0830, -5.9569, -2.7038



229.9860, 7.8949, -12.2657

Complementary

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



233.3330, -1.6432, 13.7400



241.6670, 1.6432, -13.7400

Split Complementary

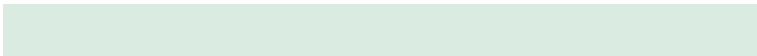
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



229.3940, 5.7218, -15.2545



233.3330, -1.6432, 13.7400



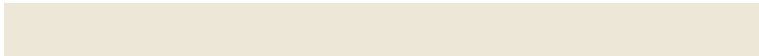
229.3640, -2.1515, -9.9662

Square

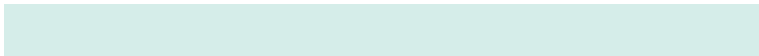
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



233.3330, -1.6432, 13.7400



230.9700, -7.8732, 5.2883



229.3680, 1.7906, -14.3547



231.7310, 8.0206, -5.9031

Rectangle

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



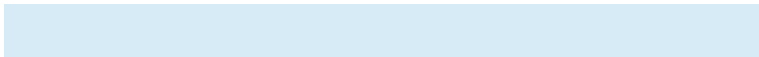
233.3330, -1.6432, 13.7400



232.5410, -7.1687, 12.6805



229.3680, 1.7906, -14.3547



229.8610, 7.4635, -13.9101

Sweetspot

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



233.3330, -1.6432, 13.7400



249.6200, -0.3057, 4.7183



234.3030, 7.2456, 9.3813



123.9080, -0.4476, 3.5887



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

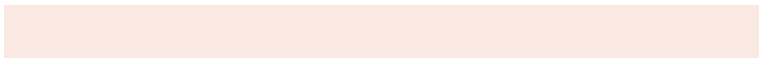
The Same Dimension uses a secret algorithm to generate beautiful new colors.



233.3330, -1.6432, 13.7400



235.9420, -1.9434, 16.7139



236.9860, -5.4161, 10.5363



116.2290, -0.6059, 7.6922



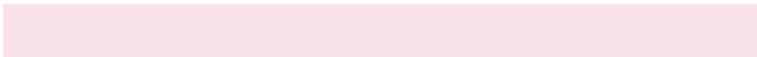
60.2730, -13.4456, 112.8936



19.4930, -4.1870, 36.4016

Inverse Universe

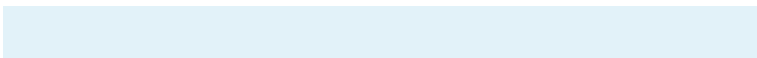
The Inverse Universe completely reimagines the original color for something new.



233.3330, -1.6432, 13.7400



235.9420, -1.9434, 16.7139



238.0140, 5.4161, -10.5363



116.2290, -0.6059, 7.6922



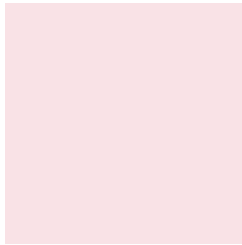
60.2730, -13.4456, 112.8936



19.4930, -4.1870, 36.4016

Previews

White Background



This preview shows how the YUV color 233.3330, -1.6432, 13.7400 looks on a white background.

Color Contrast Check

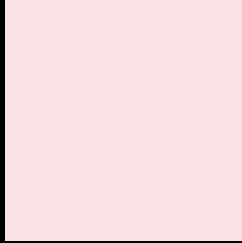
Large Text (above 18pt) WCAG AA × Fail

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 233.3330, -1.6432, 13.7400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

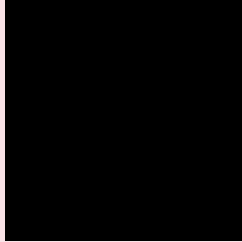
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 233.3330, -1.6432, 13.7400

Background



This preview shows how black text looks on a background with the YUV color 233.3330, -1.6432, 13.7400.



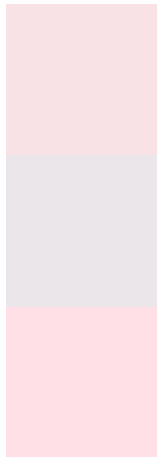
This preview shows how white text looks on a background with the YUV color 233.3330, -1.6432,

13.7400.

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

233.3330, -1.6432, 13.7400

Protanopia

231.8370, 0.5734, 2.7740

Deuteranopia

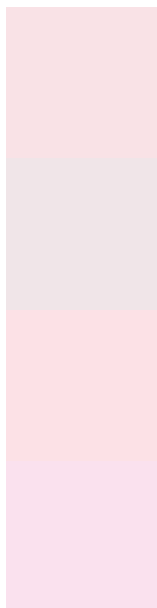
233.6540, -1.8014, 17.8434



Tritanopia

234.1250, 3.8824, 14.7994

Trichromacy



Original Color

233.3330, -1.6432, 13.7400

Protanomaly

232.6310, -0.3111, 6.4626

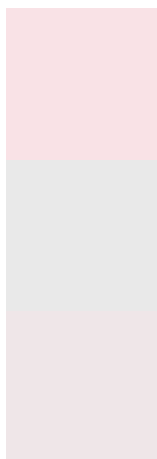
Deuteranomaly

233.6430, -1.7960, 16.0991

Tritanomaly

233.9570, 1.9932, 14.0697

Monochromacy



Original Color

233.3330, -1.6432, 13.7400

Achromatopsia

233.0000, 0.0000, 0.0000

Achromatomaly

232.9190, -0.4531, 5.3330

CSS Examples

Text

The CSS property to change the color of the text to YUV 233.3330, -1.6432, 13.7400 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(249, 226, 230)` looks like.

```
.text, #text, p{  
    color:rgb(249, 226, 230)  
}
```

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(249, 226, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 226, 230) }
```

Border

The CSS property to change the border of an element to YUV 233.3330, -1.6432, 13.7400 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(249, 226, 230) }
```


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

```
.border{ border-color:rgb(249, 226, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 226, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 226, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 226, 230);  
box-shadow:4px 4px 4px 4px rgb(249, 226,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 233.3330, -1.6432, 13.7400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 226, 230) }
```

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

```
.background{ background-color: rgb(249,  
226, 230) }
```

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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