

Converting Colors

YUV(230.9570, 1.9932, 14.0697)

Have a look what the booklet for
YUV(230.9570, 1.9932, 14.0697)
contains.

YUV(230.9570, 1.9932, 14.0697)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(230.9570, 1.9932,
14.0697)**

Conversions

Conversions Part 1

Format	Color
Hex	F7DEEB
RGB	247, 222, 235
RGB Percent	97%, 87%, 92%
CMY	0.0314, 0.1294, 0.0784
CMYK	0.00, 0.10, 0.05, 0.03
HSL	329°, 61%, 92%
HSV	329°, 10%, 97%
XYZ	79.4744, 78.0149, 89.4669
YIQ	230.9570, 10.7270, 9.3430

Conversions

Conversions Part 2

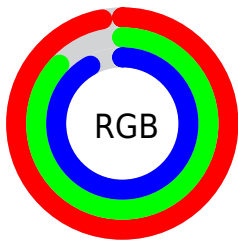
Format	Color
RYB	247, 222, 235
Decimal	16244459
CIELab	90.79, 10.76, -3.21
CIElCh	91, 11.231, 343.388
Yxy	78.0149, 0.3218, 0.3159
Android (android.graphics.Color)	4294434539 (0xFFFF7DEEB)
YUV	230.9570, 1.9932, 14.0697
Hunter-Lab	88.3260, 6.0411, 1.7724

Details

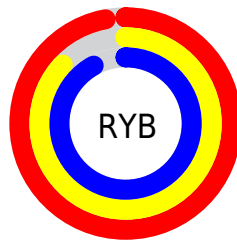
The YUV color $230.9570, 1.9932, 14.0697$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $238.0430, -1.9932, -14.0697$, and the grayscale version is $231.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $175.5440, 1.7038, 13.5549$ is the 20% darker color. If you saturate the color by 10%, you get $214.9140, 3.9864, 28.1394$, and if you desaturate by 10%, it is $247.0000, 0.0000, 0.0000$.

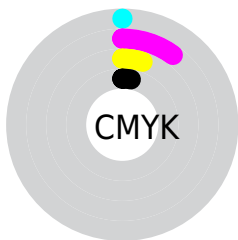
Distribution



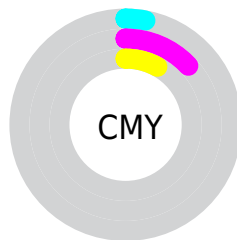
- Red (97%)
- Green (87%)
- Blue (92%)



- Red (97%)
- Yellow (87%)
- Blue (92%)



- Cyan (0%)
- Magenta (10%)
- Yellow (5%)
- Black (3%)



- Cyan (3%)
- Magenta (13%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 230.9570, 1.9932, 14.0697 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 230.9570, 1.9932, 14.0697 by changing the saturation by 10% instead.

 230.9570, 1.9932,
14.0697

 230.9570, 1.9932,
14.0697

255.0000, 0.0000,
0.0000


 202.6580, 2.1406,
13.4549

 175.5440, 1.7038,
13.5549

 148.3590, 2.2880,
12.8402

 122.9460, 1.9986,
12.3254

 97.9460, 1.9986,
12.3254

 74.2340, 1.8566,
11.1958

 51.8210, 1.5672,

10.6810

■ 30.2230, 1.8621,
9.4514

■ 7.8320, 1.5618,
12.4253

■ 230.9570, 1.9932,
14.0697

■ 230.9570, 1.9932,
14.0697

■ 214.9140, 3.9864,
28.1394

■ 247.0000, 0.0000,
0.0000

■ 199.4580, 5.6902,
41.6943

■ 252.6080, 1.1793,
-4.9182

■ 183.4150, 7.6834,
55.7640

■ 167.4860, 10.1134,
69.7338

■ 152.0300, 11.8172,
83.2887

■ 135.9870, 13.8104,
97.3584

■ 119.9440, 15.8036,
111.4281

■ 103.9010, 17.7968,
125.4978

■ 88.4450, 19.5006,
139.0527

Harmonies

Analogous

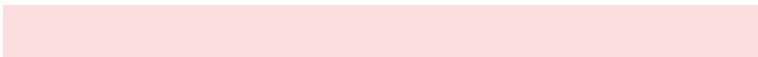
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



230.1670, 6.8197, 5.9925



230.9570, 1.9932, 14.0697



230.6110, -3.2592, 18.7582

Triad

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



230.9570, 1.9932, 14.0697



227.5030, -9.6150, 3.9439



225.7570, 8.5008, -19.9579

Complementary

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



230.9570, 1.9932, 14.0697



238.0430, -1.9932, -14.0697

Split Complementary

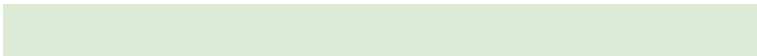
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



225.2040, 3.8434, -19.4729



230.9570, 1.9932, 14.0697



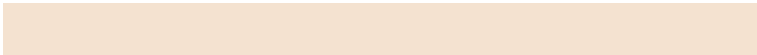
226.8330, -6.8197, -5.9925

Square

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



230.9570, 1.9932, 14.0697



229.3300, -10.5157, 12.8656



225.7440, -1.8458, -14.6845



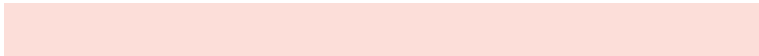
227.0720, 10.8105, -14.0951

Rectangle

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



230.9570, 1.9932, 14.0697



230.4000, -6.6062, 18.9432



225.7440, -1.8458, -14.6845



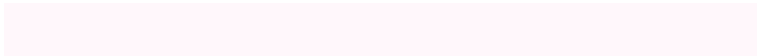
225.7030, 7.0484, -20.7875

Sweetspot

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



230.9570, 1.9932, 14.0697



249.8480, 0.5679, 4.5183



228.4380, 9.1511, 4.8779



124.1360, 0.4260, 3.3887



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

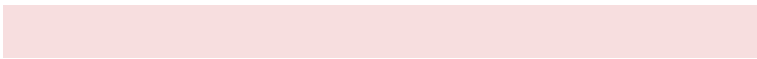
The Same Dimension uses a secret algorithm to generate beautiful new colors.



230.9570, 1.9932, 14.0697



235.0930, 2.4192, 17.4584



229.5890, -3.2484, 15.2694



114.3860, 1.2887, 6.6775



66.6720, 14.9517, 104.6507



21.0610, 4.4069, 33.2725

Inverse Universe

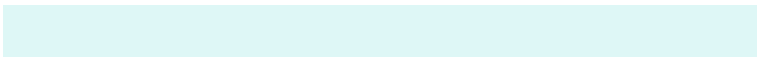
The Inverse Universe completely reimagines the original color for something new.



230.9570, 1.9932, 14.0697



235.0930, 2.4192, 17.4584



239.4110, 3.2484, -15.2694



114.3860, 1.2887, 6.6775



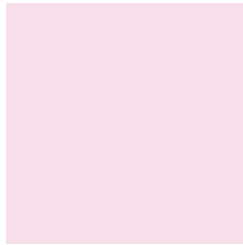
66.6720, 14.9517, 104.6507



21.0610, 4.4069, 33.2725

Previews

White Background



This preview shows how the YUV color 230.9570, 1.9932, 14.0697 looks on a white background.

Color Contrast Check

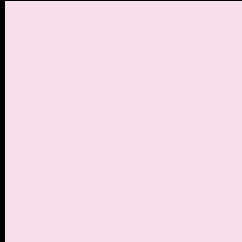
Large Text (above 18pt) WCAG AA × Fail

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 230.9570, 1.9932, 14.0697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

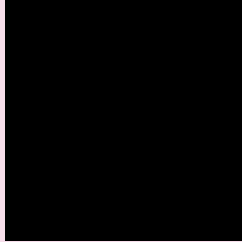
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 230.9570, 1.9932, 14.0697

Background



This preview shows how black text looks on a background with the YUV color 230.9570, 1.9932, 14.0697.



This preview shows how white text looks on a background with the YUV color 230.9570, 1.9932,

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

230.9570, 1.9932, 14.0697

Protanopia

229.1510, 4.3626, 0.7446

Deuteranopia

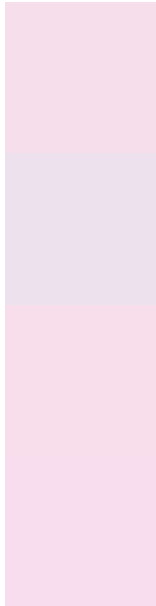
231.2560, 1.8458, 14.6845



Tritanopia

231.1250, 3.8824, 14.7994

Trichromacy



Original Color

230.9570, 1.9932, 14.0697

Protanomaly

229.6570, 3.6201, 5.5628

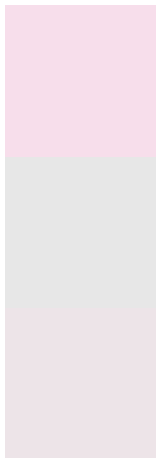
Deuteranomaly

231.2560, 1.8458, 14.6845

Tritanomaly

231.0110, 3.4456, 14.8994

Monochromacy



Original Color

230.9570, 1.9932, 14.0697

Achromatopsia

231.0000, 0.0000, 0.0000

Achromatomaly

231.1470, 0.4205, 5.1331

CSS Examples

Text

The CSS property to change the color of the text to YUV 230.9570, 1.9932, 14.0697 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, 222, 235)` looks like.

```
.text, #text, p{  
    color:rgb(247, 222, 235)  
}
```

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, 222, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 222, 235) }
```

Border

The CSS property to change the border of an element to YUV 230.9570, 1.9932, 14.0697 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, 222, 235) }
```


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

```
.border{ border-color:rgb(247, 222, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 222, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 222, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 222, 235);  
box-shadow:4px 4px 4px 4px rgb(247, 222,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 230.9570, 1.9932, 14.0697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 222, 235) }
```

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

```
.background{ background-color: rgb(247,  
222, 235) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor