

Converting Colors

YUV(237.2130, 0.3880, 15.5992)

Have a look what the booklet for
YUV(237.2130, 0.3880, 15.5992)
contains.

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Color

**YUV(237.2130, 0.3880,
15.5992)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE4EE
RGB	255, 228, 238
RGB Percent	100%, 89%, 93%
CMY	0.0000, 0.1059, 0.0667
CMYK	0.00, 0.11, 0.07, 0.00
HSL	338°, 100%, 95%
HSV	338°, 11%, 100%
XYZ	84.4160, 82.9199, 92.4448
YIQ	237.2130, 12.8820, 8.8340

Conversions

Conversions Part 2

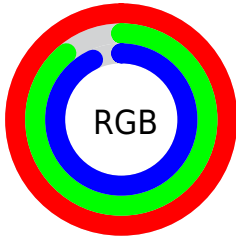
Format	Color
R _Y B	255, 228, 238
Decimal	16770286
CIE Lab	92.98, 10.88, -1.49
CIE LCh	93, 10.979, 352.221
Yxy	82.9199, 0.3250, 0.3192
Android (android.graphics.Color)	4294960366 (0xFFFFE4EE)
YUV	237.2130, 0.3880, 15.5992
Hunter-Lab	91.0603, 6.1200, 3.5508

Details

The YUV color $237.2130, 0.3880, 15.5992$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $245.7870, -0.3880, -15.5992$, 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 $181.5010, 0.2460, 14.4696$ is the 20% darker color. If you saturate the color by 10%, you get $220.7140, 0.6340, 30.0688$, and if you desaturate by 10%, it is $254.2990, -0.1474, 0.6148$.

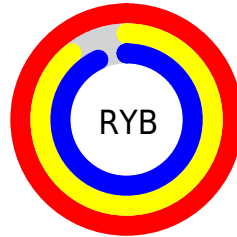
Distribution



Red (100%)

Green (89%)

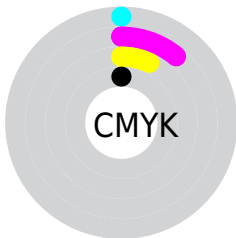
Blue (93%)



Red (100%)

Yellow (89%)

Blue (93%)

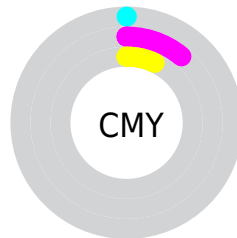


Cyan (0%)

Magenta (11%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (11%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the YUV color 237.2130, 0.3880, 15.5992 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 237.2130, 0.3880, 15.5992 by changing the saturation by 10% instead.


 237.2130, 0.3880,
15.5992

 237.2130, 0.3880,
15.5992


255.0000, 0.0000,
0.0000

 208.9140, 0.5354,
14.9844

 181.5010, 0.2460,
14.4696

 154.5010, 0.2460,
14.4696

 128.2020, 0.3934,
13.8548

 102.9030, 0.5408,
13.2401

 79.4900, 0.2514,
12.7253

 56.1910, 0.3988,

12.1105

■ 34.5930, 0.6937,
10.8809

■ 11.7290, 1.1196,
14.2697

■ 237.2130, 0.3880,
15.5992

■ 237.2130, 0.3880,
15.5992

■ 220.7140, 0.6340,
30.0688

254.2990, -0.1474,
0.6148

■ 203.6280, 1.1694,
45.0532

255.0000, 0.0000,
0.0000

■ 187.1290, 1.4154,
59.5229

■ 170.0430, 1.9508,
74.5073

■ 153.5440, 2.1968,
88.9769

■ 136.4580, 2.7322,
103.9613

■ 119.9590, 2.9782,
118.4310

■ 102.8730, 3.5136,
133.4154

■ 86.9610, 3.4702,
147.3702

Harmonies

Analogous

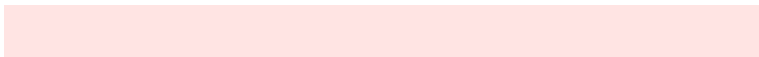
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



236.8360, 5.5039, 8.0368



237.2130, 0.3880, 15.5992



235.9590, -4.4168, 16.6990

Triad

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



237.2130, 0.3880, 15.5992



233.8940, -9.3147, 0.9700



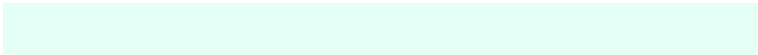
232.2950, 9.2216, -17.7987

Complementary

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



237.2130, 0.3880, 15.5992



245.7870, -0.3880, -15.5992

Split Complementary

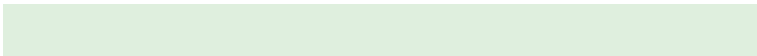
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



231.5460, 5.1538, -19.7728



237.2130, 0.3880, 15.5992



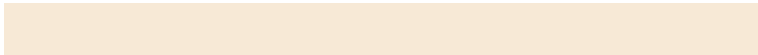
232.2780, -5.0671, -8.1368

Square

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



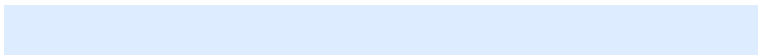
237.2130, 0.3880, 15.5992



235.0200, -10.3629, 10.5065



231.6020, 0.1962, -16.3140



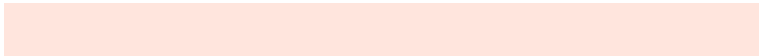
234.2680, 10.2209, -11.6360

Rectangle

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



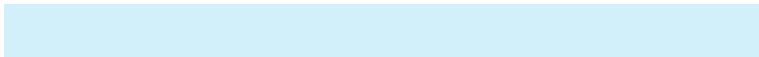
237.2130, 0.3880, 15.5992



235.8620, -7.3270, 16.7840



231.6020, 0.1962, -16.3140



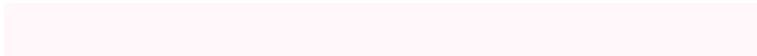
232.0560, 8.3534, -19.3431

Sweetspot

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



237.2130, 0.3880, 15.5992



249.7340, 0.1311, 4.6183



236.1610, 9.2876, 7.7518



124.0220, -0.0108, 3.4887



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

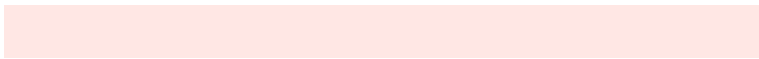
The Same Dimension uses a secret algorithm to generate beautiful new colors.



237.2130, 0.3880, 15.5992



233.2350, 0.3771, 19.0879



237.8340, -4.8482, 15.0546



119.3430, -0.1691, 7.5922



65.2030, 2.8579, 110.3240



21.8720, 1.0491, 36.9463

Inverse Universe

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



237.2130, 0.3880, 15.5992



233.2350, 0.3771, 19.0879



245.1660, 4.8482, -15.0546



119.3430, -0.1691, 7.5922



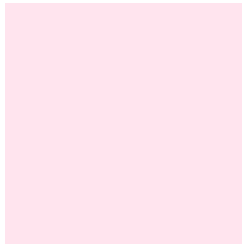
65.2030, 2.8579, 110.3240



21.8720, 1.0491, 36.9463

Previews

White Background



This preview shows how the YUV color 237.2130, 0.3880, 15.5992 looks on a white background.

Color Contrast Check

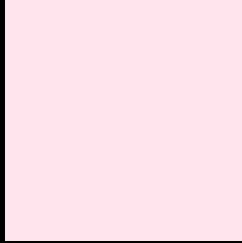
Large Text (above 18pt) WCAG AA × Fail

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 237.2130, 0.3880, 15.5992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

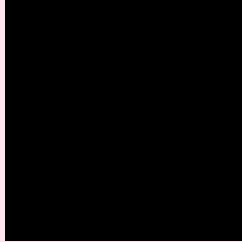
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 237.2130, 0.3880, 15.5992

Background



This preview shows how black text looks on a background with the YUV color 237.2130, 0.3880, 15.5992.



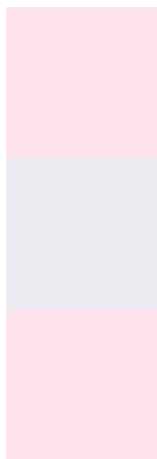
This preview shows how white text looks on a background with the YUV color 237.2130, 0.3880,

15.5992.

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

237.2130, 0.3880, 15.5992

Protanopia

235.6950, 2.6154, 1.1445

Deuteranopia

237.2130, 0.3880, 15.5992



Tritanopia

237.3100, 3.2982, 15.5141

Trichromacy



Original Color

237.2130, 0.3880, 15.5992

Protanomaly

236.5000, 1.7255, 6.5775

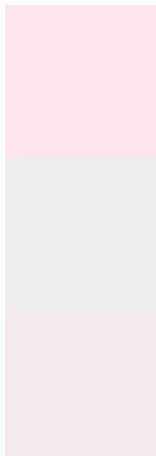
Deuteranomaly

237.2130, 0.3880, 15.5992

Tritanomaly

237.0820, 2.4246, 15.7141

Monochromacy



Original Color

237.2130, 0.3880, 15.5992

Achromatopsia

237.0000, 0.0000, 0.0000

Achromatomaly

237.3320, -0.1637, 5.8478

CSS Examples

Text

The CSS property to change the color of the text to YUV 237.2130, 0.3880, 15.5992 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(255, 228, 238)` looks like.

```
.text, #text, p{  
    color:rgb(255, 228, 238)  
}
```

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(255, 228, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 228, 238) }
```

Border

The CSS property to change the border of an element to YUV 237.2130, 0.3880, 15.5992 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(255, 228, 238) }
```


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

```
.border{ border-color:rgb(255, 228, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 228, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 228, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 228, 238);  
box-shadow:4px 4px 4px 4px rgb(255, 228,  
238) }
```

Background

The CSS property to change the background color of an element to YUV 237.2130, 0.3880, 15.5992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 228, 238) }
```

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

```
.background{ background-color: rgb(255,  
228, 238) }
```

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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