

Converting Colors

YUV(233.8870, -1.9163, 7.9921)

Have a look what the booklet for
YUV(233.8870, -1.9163, 7.9921)
contains.

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Color

**YUV(233.8870, -1.9163,
7.9921)**

Conversions

Conversions Part 1

Format	Color
Hex	F3E6E6
RGB	243, 230, 230
RGB Percent	95%, 90%, 90%
CMY	0.0471, 0.0980, 0.0980
CMYK	0.00, 0.05, 0.05, 0.05
HSL	0°, 35%, 93%
HSV	0°, 5%, 95%
XYZ	79.5419, 81.3615, 86.3749
YIQ	233.8870, 7.7480, 2.7560

Conversions

Conversions Part 2

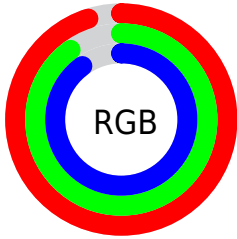
Format	Color
R _Y B	243, 230, 230
Decimal	15984358
CIE Lab	92.29, 4.41, 1.57
CIE LCh	92, 4.676, 19.598
Yxy	81.3615, 0.3217, 0.3290
Android (android.graphics.Color)	4294174438 (0xFF3E6E6)
YUV	233.8870, -1.9163, 7.9921
Hunter-Lab	90.2006, -0.4438, 6.3651

Details

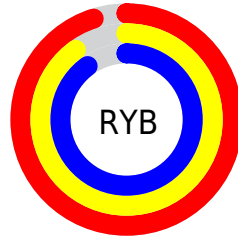
The YUV color $233.8870, -1.9163, 7.9921$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $239.1130, 1.9163, -7.9921$, and the grayscale version is $234.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $178.5880, -1.7689, 7.3773$ is the 20% darker color. If you saturate the color by 10%, you get $217.0630, -5.4541, 22.7467$, and if you desaturate by 10%, it is $250.7110, 1.6215, -6.7625$.

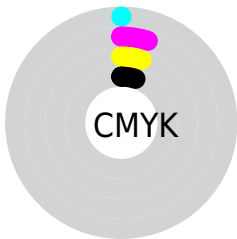
Distribution



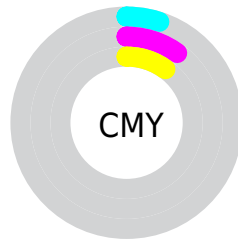
- Red (95%)
- Green (90%)
- Blue (90%)



- Red (95%)
- Yellow (90%)
- Blue (90%)



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



- Cyan (5%)
- Magenta (10%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 233.8870, -1.9163, 7.9921 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 233.8870, -1.9163, 7.9921 by changing the saturation by 10% instead.

233.8870, -1.9163,
7.9921

233.8870, -1.9163,
7.9921

255.0000, 0.0000,
0.0000

205.8870, -1.9163,
7.9921

178.5880, -1.7689,
7.3773

151.5880, -1.7689,
7.3773

125.5880, -1.7689,
7.3773

100.2890, -1.6215,
6.7625

76.9900, -1.4741,
6.1478

53.9900, -1.4741,

6.1478

■ 32.6910, -1.3267,
5.5330

■ 9.1860, -2.0637,
8.6069

■ 233.8870, -1.9163,
7.9921

■ 233.8870, -1.9163,
7.9921

■ 217.0630, -5.4541,
22.7467

■ 250.7110, 1.6215,
-6.7625

■ 199.5380, -9.1392,
38.1162

■ 251.4120, 1.7689,
-7.3773

■ 182.7140,
-12.6770, 52.8708

■ 165.8900,
-16.2148, 67.6255

■ 149.0660,
-19.7525, 82.3801

■ 131.5410,
-23.4377, 97.7495

■ 114.7170,
-26.9755, 112.5042

■ 97.8930, -30.5132,
127.2588

■ 80.3680, -34.1984,
142.6283

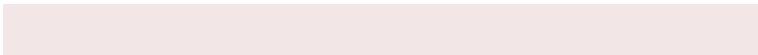
Harmonies

Analogous

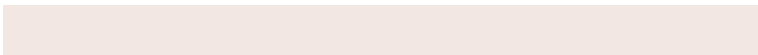
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



233.8590, 0.5625, 6.2627



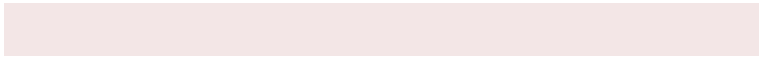
233.8870, -1.9163, 7.9921



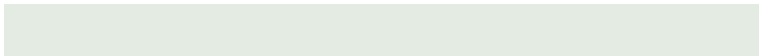
233.7190, -3.8055, 7.2624

Triad

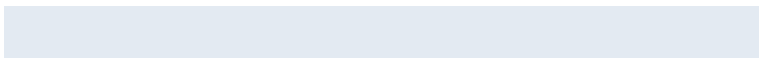
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



233.8870, -1.9163, 7.9921



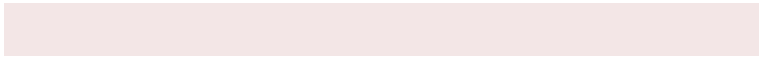
231.9950, -2.4625, -3.5036



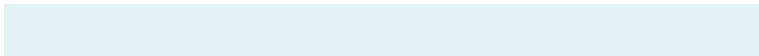
232.8190, 4.5262, -5.1033

Complementary

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



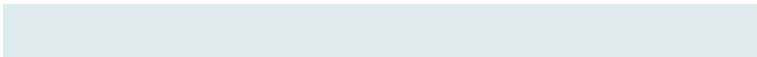
233.8870, -1.9163, 7.9921



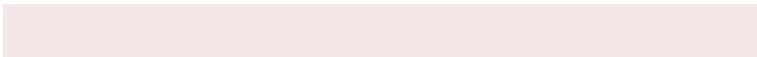
239.1130, 1.9163, -7.9921

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.



231.8680, 3.5161, -7.7772



233.8870, -1.9163, 7.9921



231.8420, -0.4151, -6.8774

Square

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



233.8870, -1.9163, 7.9921



232.2730, -4.0786, 1.5146



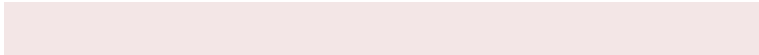
231.8140, 2.0637, -8.6069



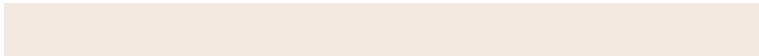
233.0260, 3.9312, -0.8998

Rectangle

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



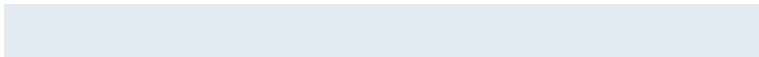
233.8870, -1.9163, 7.9921



233.5940, -4.2368, 5.6181



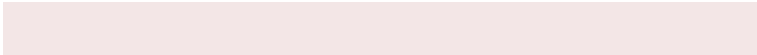
231.8140, 2.0637, -8.6069



232.1070, 4.3842, -6.2328

Sweetspot

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



233.8870, -1.9163, 7.9921



251.4950, -0.7370, 3.0739



235.3690, 3.7621, 6.6924



125.8970, -0.4422, 1.8443



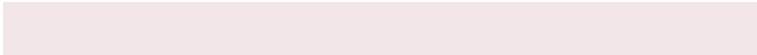
0.0000, 0.0000, 0.0000



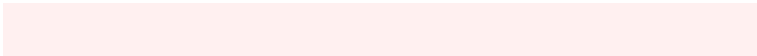
128.0000, 0.0000, 0.0000

Same Dimension

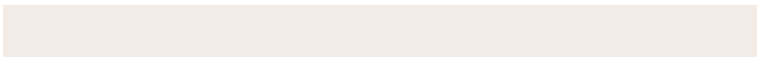
The Same Dimension uses a secret algorithm to generate beautiful new colors.



233.8870, -1.9163, 7.9921



244.4850, -2.2111, 9.2217



237.4090, -3.6526, 4.9033



116.3920, -1.1793, 4.9182



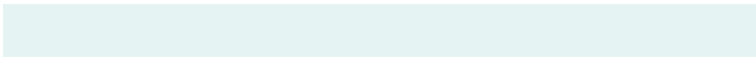
55.6140, -27.4177, 114.3485



17.6410, -8.6970, 36.2718

Inverse Universe

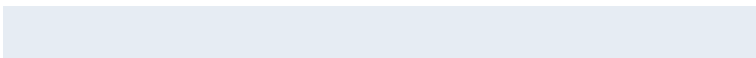
The Inverse Universe completely reimagines the original color for something new.



239.1130, 1.9163, -7.9921



250.5150, 2.2111, -9.2217



235.0040, 3.9420, -4.3885



119.6080, 1.1793, -4.9182



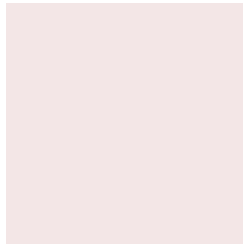
130.3860, 27.4177, -114.3485



41.3590, 8.6970, -36.2718

Previews

White Background



This preview shows how the YUV color 233.8870, -1.9163, 7.9921 looks on a white background.

Color Contrast Check

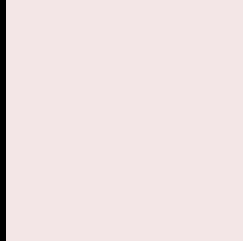
Large Text (above 18pt) WCAG AA × Fail

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 233.8870, -1.9163, 7.9921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

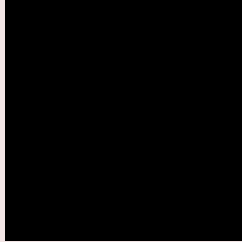
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

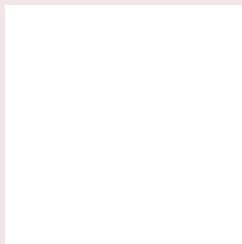
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 233.8870, -1.9163, 7.9921

Background



This preview shows how black text looks on a background with the YUV color 233.8870, -1.9163, 7.9921.



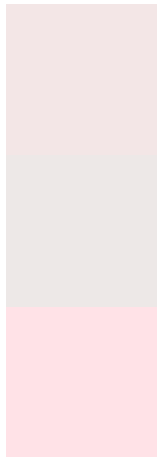
This preview shows how white text looks on a background with the YUV color 233.8870, -1.9163,

7.9921.

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

233.8870, -1.9163, 7.9921

Protanopia

233.3810, -1.1738, 3.1739

Deuteranopia

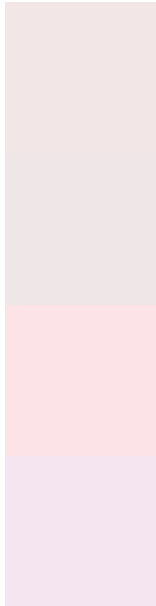
235.2410, -2.0908, 17.3286



Tritanopia

235.1350, 5.3564, 8.6516

Trichromacy



Original Color

233.8870, -1.9163, 7.9921

Protanomaly

233.3920, -1.1793, 4.9182

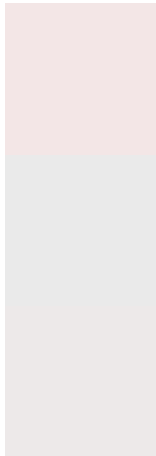
Deuteranomaly

234.6320, -1.7906, 14.3547

Tritanomaly

234.7390, 2.5937, 8.1219

Monochromacy



Original Color

233.8870, -1.9163, 7.9921

Achromatopsia

234.0000, 0.0000, 0.0000

Achromatomaly

234.1960, -0.5896, 2.4591

CSS Examples

Text

The CSS property to change the color of the text to YUV 233.8870, -1.9163, 7.9921 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(243, 230, 230)` looks like.

```
.text, #text, p{  
    color:rgb(243, 230, 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(243, 230, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 230, 230) }
```

Border

The CSS property to change the border of an element to YUV 233.8870, -1.9163, 7.9921 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(243, 230, 230) }
```


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

```
.border{ border-color:rgb(243, 230, 230) }
```

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

Here you see how a box with a 4 pixel rgb(243, 230, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 230, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 230, 230);  
box-shadow:4px 4px 4px 4px rgb(243, 230,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 233.8870, -1.9163, 7.9921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 230, 230) }
```

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

```
.background{ background-color: rgb(243,  
230, 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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