

Converting Colors

YUV(233.2400, -37.5863,
15.5755)

Have a look what the booklet for
YUV(233.2400, -37.5863, 15.5755)
contains.

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Color

**YUV(233.2400, -37.5863,
15.5755)**

Conversions

Conversions Part 1

Format	Color
Hex	FBEF9D
RGB	251, 239, 157
RGB Percent	98%, 94%, 62%
CMY	0.0157, 0.0627, 0.3843
CMYK	0.00, 0.05, 0.37, 0.02
HSL	52°, 92%, 80%
HSV	52°, 37%, 98%
XYZ	76.7360, 84.6766, 44.1981
YIQ	233.2400, 33.4740, -22.9580

Conversions

Conversions Part 2

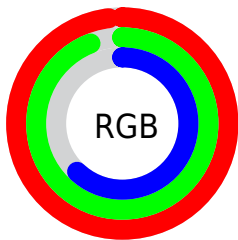
Format	Color
R _Y B	171, 251, 157
Decimal	16510877
CIE Lab	93.74, -7.46, 41.13
CIE LCh	94, 41.799, 100.277
Yxy	84.6766, 0.3732, 0.4118
Android (android.graphics.Color)	4294700957 (0xFFFFBEF9D)
YUV	233.2400, -37.5863, 15.5755
Hunter-Lab	92.0199, -12.1824, 35.9363

Details

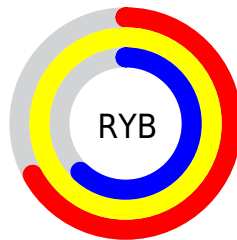
The YUV color $233.2400, -37.5863, 15.5755$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $174.7600, 37.5863, -15.5755$, and the grayscale version is $234.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.0980, -18.7823, 4.2991$, and $176.9840, -35.9811, 14.0460$ is the 20% darker color. If you saturate the color by 10%, you get $228.6290, -47.6381, 19.6194$, and if you desaturate by 10%, it is $237.8510, -27.5345, 11.5317$.

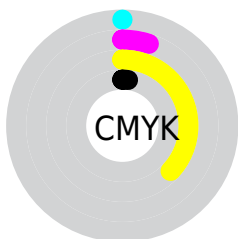
Distribution



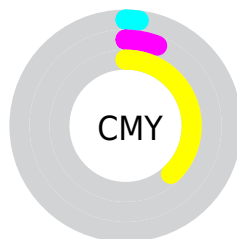
- Red (98%)
- Green (94%)
- Blue (62%)



- Red (67%)
- Yellow (98%)
- Blue (62%)



- Cyan (0%)
- Magenta (5%)
- Yellow (37%)
- Black (2%)



- Cyan (2%)
- Magenta (6%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 233.2400, -37.5863, 15.5755 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 233.2400, -37.5863, 15.5755 by changing the saturation by 10% instead.

233.2400,
-37.5863, 15.5755

233.2400,
-37.5863, 15.5755

255.0000, 0.0000,
0.0000

205.0550,
-37.0021, 14.8608

250.0980,
-18.7823, 4.2991

176.9840,
-35.9811, 14.0460

253.4040, -6.1152,
1.3997

149.9130,
-34.9601, 13.2313

123.8420,
-33.9391, 12.4166

98.2440, -33.6443,
11.1870

73.1900, -35.0967,
10.3574

52.8720, -26.0659,

7.1283

■ 32.4830, -16.0141,
3.0844

■ 10.5770, -5.2145,
-7.5220

■ 233.2400,
-37.5863, 15.5755

■ 233.2400,
-37.5863, 15.5755

■ 228.6290,
-47.6381, 19.6194

■ 237.8510,
-27.5345, 11.5317

■ 224.0180,
-57.6899, 23.6632

■ 242.4620,
-17.4828, 7.4878

■ 218.8200,
-67.4523, 28.2219

■ 247.6600, -7.7204,
2.9292

■ 214.2090,
-77.5040, 32.2657

■ 252.0430, 1.4578,
-0.9147

■ 209.4840,
-87.9926, 36.4095

■ 253.8040, 0.5896,
-2.4591

■ 204.8730,
-98.0444, 40.4534

■ 203.6020,
-100.3758, 41.5680

Harmonies

Analogous

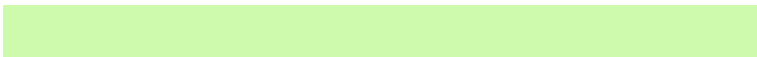
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



226.7880, -31.9405, 24.7419



233.2400, -37.5863, 15.5755



228.1800, -26.7107, -19.4519

Triad

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



233.2400, -37.5863, 15.5755



208.6550, 22.8481, -95.2904



228.5850, 13.0226, 23.1660

Complementary

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



233.2400, -37.5863, 15.5755



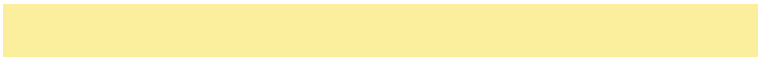
174.7600, 37.5863, -15.5755

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.



235.6290, 9.5499, 16.9884



233.2400, -37.5863, 15.5755



217.6910, 18.3933, -66.3810

Square

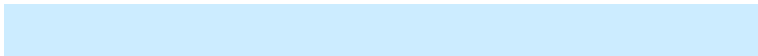
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



233.2400, -37.5863, 15.5755



212.2710, 18.6004, -86.1837



228.5980, 13.0162, -21.5724



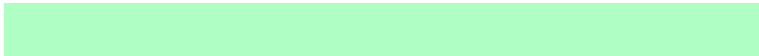
223.2900, 0.3500, 27.8097

Rectangle

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



233.2400, -37.5863, 15.5755



224.3540, -13.9785, -43.2835



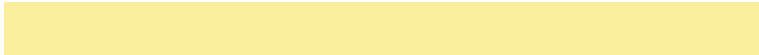
228.5980, 13.0162, -21.5724



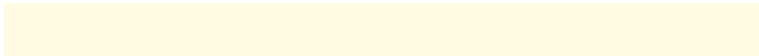
230.3460, 12.1544, 21.6216

Sweetspot

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



233.2400, -37.5863, 15.5755



249.4600, -11.0728, 4.8586



186.5880, -8.1779, 56.4893



124.3010, -6.5574, 3.2440



0.0000, 0.0000, 0.0000



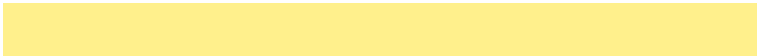
128.0000, 0.0000, 0.0000

Same Dimension

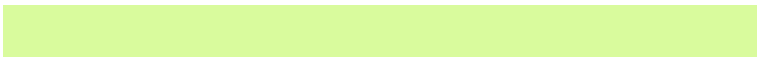
The Same Dimension uses a secret algorithm to generate beautiful new colors.



233.2400, -37.5863, 15.5755



233.0850, -45.8909, 19.2195



230.1180, -36.0472, -11.5045



122.3440, -5.0996, 2.3293



153.3660, -75.6094, 31.2510



49.3500, -24.3295, 10.2171

Inverse Universe

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



174.7600, 37.5863, -15.5755



161.9150, 45.8909, -19.2195



177.8820, 36.0472, 11.5045



114.6560, 5.0996, -2.3293



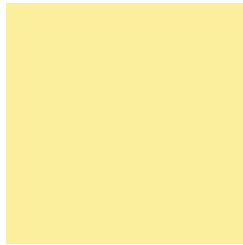
35.6340, 75.6094, -31.2510



11.6500, 24.3296, -10.2171

Previews

White Background



This preview shows how the YUV color 233.2400, -37.5863, 15.5755 looks on a white background.

Color Contrast Check

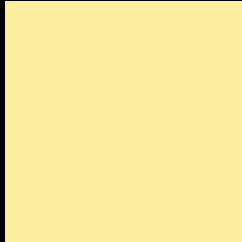
Large Text (above 18pt) WCAG AA × Fail

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 233.2400, -37.5863, 15.5755 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

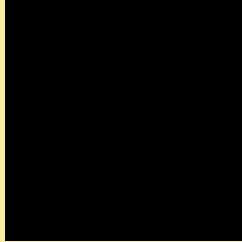
Any Text WCAG AA ✓ Pass

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 233.2400, -37.5863, 15.5755 Background



This preview shows how black text looks on a background with the YUV color 233.2400, -37.5863, 15.5755.



This preview shows how white text looks on a background with the YUV color 233.2400, -37.5863, 15.5755.

15.5755.

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

233.2400, -37.5863, 15.5755

Protanopia

234.5160, -32.7924, 17.9645

Deuteranopia

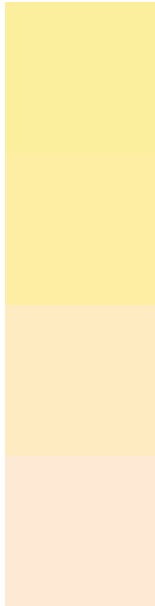
237.2980, -11.9789, 15.5247



Tritanopia

239.0710, 2.4300, 13.9697

Trichromacy



Original Color

233.2400, -37.5863, 15.5755

Protanomaly

234.3480, -34.6816, 17.2348

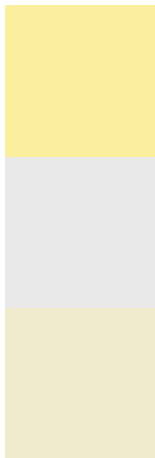
Deuteranomaly

235.8930, -21.1462, 15.8798

Tritanomaly

236.8850, -12.2683, 15.0099

Monochromacy



Original Color

233.2400, -37.5863, 15.5755

Achromatopsia

233.0000, 0.0000, 0.0000

Achromatomaly

233.0750, -13.8410, 6.0732

CSS Examples

Text

The CSS property to change the color of the text to YUV 233.2400, -37.5863, 15.5755 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(251, 239, 157)` looks like.

```
.text, #text, p{  
    color:rgb(251, 239, 157)  
}
```

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(251, 239, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 239, 157) }
```

Border

The CSS property to change the border of an element to YUV 233.2400, -37.5863, 15.5755 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(251, 239, 157) }
```


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

```
.border{ border-color:rgb(251, 239, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 239, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 239, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 239, 157);  
box-shadow:4px 4px 4px 4px rgb(251, 239,  
157) }
```

Background

The CSS property to change the background color of an element to YUV 233.2400, -37.5863, 15.5755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 239, 157) }
```

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

```
.background{ background-color: rgb(251,  
239, 157) }
```

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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