

Converting Colors

YUV(230.6530, -37.2969,
16.0903)

Have a look what the booklet for
YUV(230.6530, -37.2969, 16.0903)
contains.

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Color

**YUV(230.6530, -37.2969,
16.0903)**

Conversions

Conversions Part 1

Format	Color
Hex	F9EC9B
RGB	249, 236, 155
RGB Percent	98%, 93%, 61%
CMY	0.0235, 0.0745, 0.3922
CMYK	0.00, 0.05, 0.38, 0.02
HSL	52°, 89%, 79%
HSV	52°, 38%, 98%
XYZ	74.9788, 82.4972, 42.9821
YIQ	230.6530, 33.7490, -22.4350

Conversions

Conversions Part 2

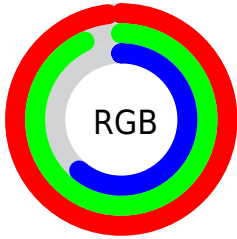
Format	Color
R_{YB}	170, 249, 155
Decimal	16379035
CIE _{Lab}	92.79, -6.94, 40.86
CIE _{LCh}	93, 41.447, 99.646
Yxy	82.4972, 0.3740, 0.4115
Android (android.graphics.Color)	4294569115 (0xFFF9EC9B)
YUV	230.6530, -37.2969, 16.0903
Hunter-Lab	90.8280, -11.5966, 35.5220

Details

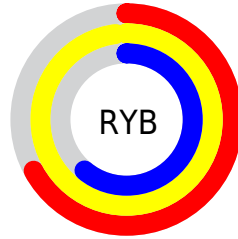
The YUV color **230.6530, -37.2969, 16.0903** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **173.3470, 37.2969, -16.0903**, and the grayscale version is **231.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **249.8700, -19.6559, 4.4990**, and **174.5110, -35.2549, 14.4609** is the 20% darker color. If you saturate the color by 10%, you get **226.0420, -47.3487, 20.1342**, and if you desaturate by 10%, it is **235.2640, -27.2452, 12.0465**.

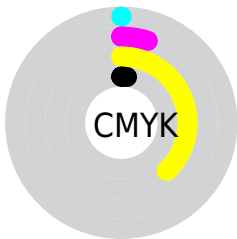
Distribution



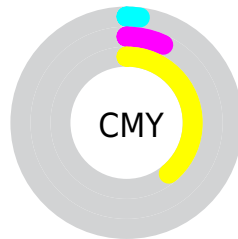
- Red (98%)
- Green (93%)
- Blue (61%)



- Red (67%)
- Yellow (98%)
- Blue (61%)



- Cyan (0%)
- Magenta (5%)
- Yellow (38%)
- Black (2%)



- Cyan (2%)
- Magenta (7%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 230.6530, -37.2969, 16.0903 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 230.6530, -37.2969, 16.0903 by changing the saturation by 10% instead.

230.6530,
-37.2969, 16.0903

230.6530,
-37.2969, 16.0903

255.0000, 0.0000,
0.0000

202.4680,
-36.7127, 15.3756

249.8700,
-19.6559, 4.4990

174.5110,
-35.2549, 14.4609

253.1760, -6.9888,
1.5996

147.9130,
-34.9601, 13.2313

121.8420,
-33.9391, 12.4166

96.2440, -33.6443,
11.1870

71.1900, -35.0967,
10.3574

50.5130, -24.9029,

7.4431

■ 30.7110, -15.1405,
2.8845

■ 8.8050, -4.3409,
-7.7220

■ 230.6530,
-37.2969, 16.0903

■ 230.6530,
-37.2969, 16.0903

■ 226.0420,
-47.3487, 20.1342

■ 235.2640,
-27.2452, 12.0465

■ 220.8440,
-57.1111, 24.6928

■ 240.4620,
-17.4828, 7.4878

■ 216.2330,
-67.1629, 28.7367

■ 245.0730, -7.4310,
3.4440

■ 211.0350,
-76.9253, 33.2953

■ 250.2710, 2.3314,
-1.1147

■ 206.4240,
-86.9770, 37.3392

■ 252.0320, 1.4632,
-2.6591

■ 201.3400,
-96.3026, 41.7978

■ 253.2060, 0.8844,
-3.6887

■ 200.6560,
-98.9234, 42.3977

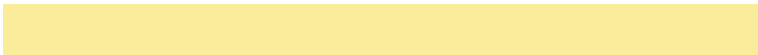
Harmonies

Analogous

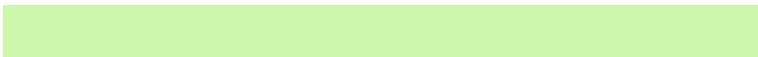
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



224.7990, -31.9459, 26.4863



230.6530, -37.2969, 16.0903



225.8920, -26.5688, -18.3223

Triad

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



230.6530, -37.2969, 16.0903



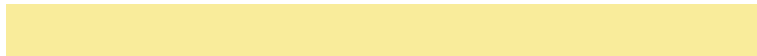
207.4700, 23.4323, -96.0052



227.4110, 13.6014, 24.1956

Complementary

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



230.6530, -37.2969, 16.0903



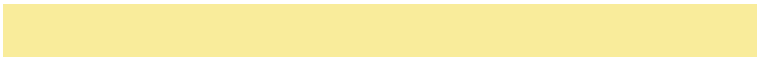
173.3470, 37.2969, -16.0903

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.



233.8680, 10.4181, 18.5328



230.6530, -37.2969, 16.0903



215.0330, 19.7037, -66.6809

Square

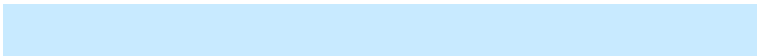
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



230.6530, -37.2969, 16.0903



211.5160, 17.0006, -86.3985



226.2280, 14.1846, -23.0020



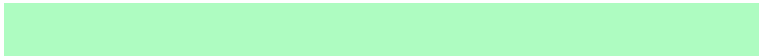
221.4150, 0.7814, 29.4540

Rectangle

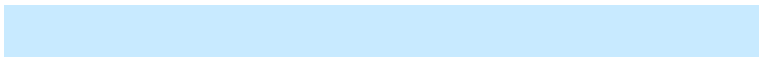
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



230.6530, -37.2969, 16.0903



221.9520, -14.2733, -42.0539



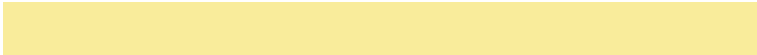
226.2280, 14.1846, -23.0020



229.1720, 12.7332, 22.6512

Sweetspot

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



230.6530, -37.2969, 16.0903



249.4600, -11.0728, 4.8586



184.7020, -7.7411, 56.3893



124.3010, -6.5574, 3.2440



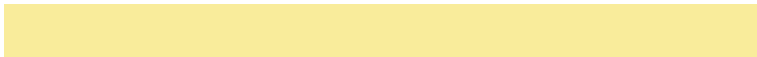
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

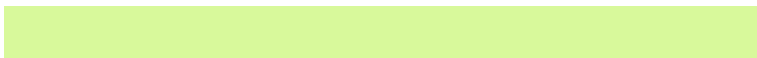
The Same Dimension uses a secret algorithm to generate beautiful new colors.



230.6530, -37.2969, 16.0903



232.4980, -45.6015, 19.7343



228.4170, -36.1946, -10.8897



122.3440, -5.0996, 2.3293



152.1920, -75.0307, 32.2806



49.3500, -24.3295, 10.2171

Inverse Universe

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



173.3470, 37.2969, -16.0903



162.5020, 45.6015, -19.7343



175.5830, 36.1946, 10.8897



114.6560, 5.0996, -2.3293



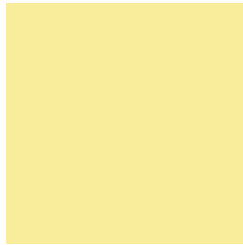
36.8080, 75.0307, -32.2806



11.6500, 24.3296, -10.2171

Previews

White Background



This preview shows how the YUV color 230.6530, -37.2969, 16.0903 looks on a white background.

Color Contrast Check

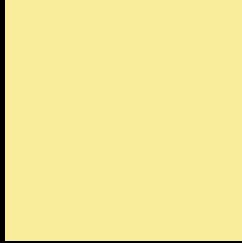
Large Text (above 18pt) WCAG AA × Fail

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 230.6530, -37.2969, 16.0903 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

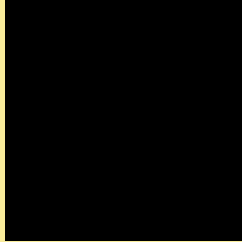
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 230.6530, -37.2969, 16.0903

Background



This preview shows how black text looks on a background with the YUV color 230.6530, -37.2969, 16.0903.



This preview shows how white text looks on a background with the YUV color 230.6530, -37.2969, 16.0903.

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

230.6530, -37.2969, 16.0903

Protanopia

230.8600, -37.8920, 20.2938

Deuteranopia

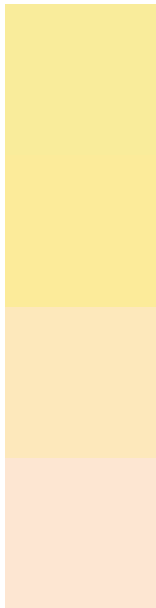
234.7390, -14.1683, 17.7689



Tritanopia

236.9680, 1.9878, 15.8141

Trichromacy



Original Color

230.6530, -37.2969, 16.0903

Protanomaly

230.8490, -37.8866, 18.5494

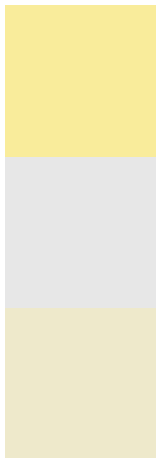
Deuteranomaly

233.1490, -22.7515, 17.4093

Tritanomaly

234.5970, -12.1263, 16.1394

Monochromacy



Original Color

230.6530, -37.2969, 16.0903

Achromatopsia

231.0000, 0.0000, 0.0000

Achromatomaly

231.0750, -13.8410, 6.0732

CSS Examples

Text

The CSS property to change the color of the text to YUV 230.6530, -37.2969, 16.0903 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, 236, 155)` looks like.

```
.text, #text, p{  
    color:rgb(249, 236, 155)  
}
```

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, 236, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 236, 155) }
```

Border

The CSS property to change the border of an element to YUV 230.6530, -37.2969, 16.0903 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, 236, 155) }
```


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

```
.border{ border-color:rgb(249, 236, 155) }
```

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

Here you see how a box with a 4 pixel rgb(249, 236, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 236, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 236, 155);  
box-shadow:4px 4px 4px 4px rgb(249, 236,  
155) }
```

Background

The CSS property to change the background color of an element to YUV 230.6530, -37.2969, 16.0903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 236, 155) }
```

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

```
.background{ background-color: rgb(249,  
236, 155) }
```

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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