

Converting Colors

YUV(230.0220, -36.9858,
9.6277)

Have a look what the booklet for
YUV(230.0220, -36.9858, 9.6277)
contains.

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Color

**YUV(230.0220, -36.9858,
9.6277)**

Conversions

Conversions Part 1

Format	Color
Hex	F1EF9B
RGB	241, 239, 155
RGB Percent	95%, 94%, 61%
CMY	0.0549, 0.0627, 0.3922
CMYK	0.00, 0.01, 0.36, 0.05
HSL	59°, 75%, 78%
HSV	59°, 36%, 95%
XYZ	73.0585, 82.8003, 43.1418
YIQ	230.0220, 28.1560, -25.7000

Conversions

Conversions Part 2

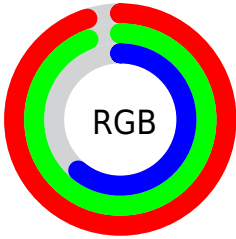
Format	Color
RYB	157, 241, 155
Decimal	15855515
CIELab	92.93, -11.50, 40.91
CIElCh	93, 42.494, 105.697
Yxy	82.8003, 0.3671, 0.4161
Android (android.graphics.Color)	4294045595 (0xFFFF1EF9B)
YUV	230.0220, -36.9858, 9.6277
Hunter-Lab	90.9947, -15.9252, 35.5861

Details

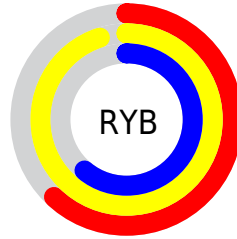
The YUV color $230.0220, -36.9858, 9.6277$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $165.9780, 36.9858, -9.6277$, and the grayscale version is $230.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.8700, -19.6559, 4.4990$, and $174.0650, -35.5280, 8.7130$ is the 20% darker color. If you saturate the color by 10%, you get $226.6990, -47.1796, 12.5420$, and if you desaturate by 10%, it is $233.3450, -26.7921, 6.7134$.

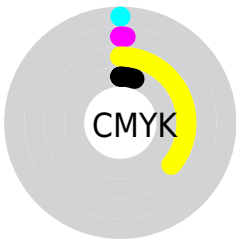
Distribution



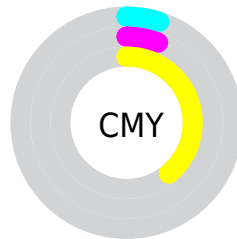
- Red (95%)
- Green (94%)
- Blue (61%)



- Red (62%)
- Yellow (95%)
- Blue (61%)



- Cyan (0%)
- Magenta (1%)
- Yellow (36%)
- Black (5%)



- Cyan (5%)
- Magenta (6%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 230.0220, -36.9858, 9.6277 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 230.0220, -36.9858, 9.6277 by changing the saturation by 10% instead.

■ 230.0220,
-36.9858, 9.6277

■ 230.0220,
-36.9858, 9.6277

■ 255.0000, 0.0000,
0.0000

■ 201.8370,
-36.4016, 8.9130

■ 249.8700,
-19.6559, 4.4990

■ 174.0650,
-35.5280, 8.7130

■ 253.1760, -6.9888,
1.5996

■ 146.9940,
-34.5070, 7.8983

■ 120.9230,
-33.4860, 7.0835

■ 95.6240, -33.3386,
6.4688

■ 70.5700, -34.7910,
5.6391

■ 49.8930, -24.5972,

2.7248

■ 30.0910, -14.8349,
-1.8338

■ 9.9790, -4.9196,
-8.7516

■ 230.0220,
-36.9858, 9.6277

■ 230.0220,
-36.9858, 9.6277

■ 226.6990,
-47.1796, 12.5420

■ 233.3450,
-26.7921, 6.7134

■ 223.9630,
-57.6628, 14.9414

■ 236.0810,
-16.3089, 4.3140

■ 220.6400,
-67.8565, 17.8557

■ 239.4040, -6.1152,
1.3997

■ 217.9040,
-78.3397, 20.2552

■ 242.1400, 4.3680,
-0.9998

■ 214.4670,
-88.9702, 23.2694

■ 243.1830, 5.8258,
-1.9145

■ 211.7310,
-99.4534, 25.6689

■ 243.7700, 5.5364,
-2.4293

■ 210.0040,
-103.5320, 27.1835

■ 244.3570, 5.2470,
-2.9441

Harmonies

Analogous

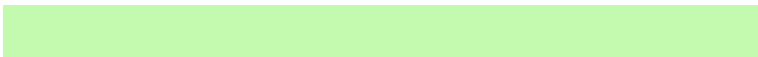
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



226.1040, -34.5613, 25.3418



230.0220, -36.9858, 9.6277



225.1190, -24.2157, -26.4144

Triad

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



230.0220, -36.9858, 9.6277



206.5840, 23.8691, -96.1052



226.2370, 14.1802, 25.2252

Complementary

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



230.0220, -36.9858, 9.6277



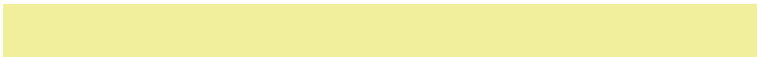
165.9780, 36.9858, -9.6277

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.



232.6940, 10.9969, 19.5624



230.0220, -36.9858, 9.6277



216.5500, 18.9559, -60.1183

Square

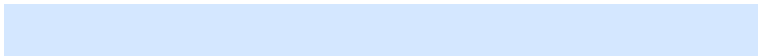
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



230.0220, -36.9858, 9.6277



208.9540, 22.7007, -94.6757



228.0550, 13.2839, -14.0802



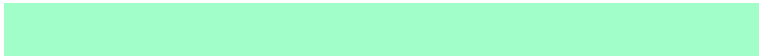
220.3890, -3.1498, 30.3538

Rectangle

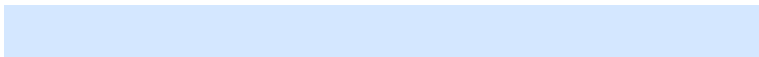
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



230.0220, -36.9858, 9.6277



220.3360, -10.0256, -51.1607



228.0550, 13.2839, -14.0802



227.9980, 13.3120, 23.6808

Sweetspot

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



230.0220, -36.9858, 9.6277



251.2210, -11.9410, 3.3142



181.0560, -11.3666, 52.5709



125.4750, -7.1362, 2.2144



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

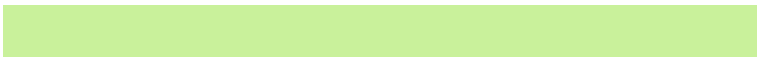
The Same Dimension uses a secret algorithm to generate beautiful new colors.



230.0220, -36.9858, 9.6277



240.6990, -47.1796, 12.5420



219.2360, -31.6683, -15.9930



118.6320, -5.2416, 1.1997



160.0890, -78.9239, 20.9699



49.0290, -24.1713, 6.1136

Inverse Universe

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



165.9780, 36.9858, -9.6277



159.3010, 47.1796, -12.5420



176.7640, 31.6683, 15.9930



109.3680, 5.2416, -1.1997



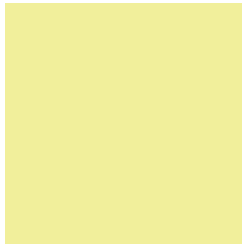
23.3240, 79.2133, -20.4551



6.9710, 24.1713, -6.1136

Previews

White Background



This preview shows how the YUV color 230.0220, -36.9858, 9.6277 looks on a white background.

Color Contrast Check

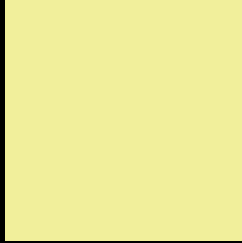
Large Text (above 18pt) WCAG AA × Fail

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 230.0220, -36.9858, 9.6277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

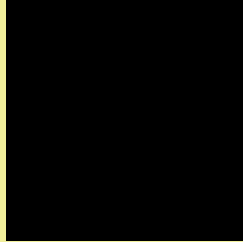
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 230.0220, -36.9858, 9.6277

Background



This preview shows how black text looks on a background with the YUV color 230.0220, -36.9858, 9.6277.

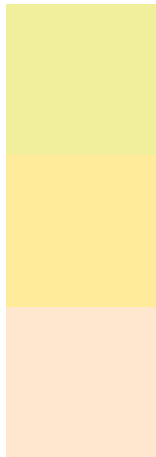


This preview shows how white text looks on a background with the YUV color 230.0220, -36.9858, 9.6277.

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

230.0220, -36.9858, 9.6277

Protanopia

231.6320, -38.7656, 20.4937

Deuteranopia

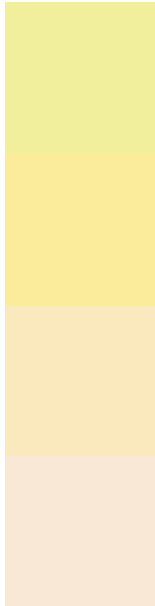
234.8530, -13.7315, 17.6689



Tritanopia

237.2280, 4.3246, 12.9550

Trichromacy



Original Color

230.0220, -36.9858, 9.6277

Protanomaly

230.8380, -37.8811, 16.8051

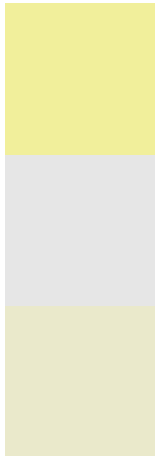
Deuteranomaly

232.9530, -22.1618, 14.9502

Tritanomaly

234.6180, -10.6577, 11.7360

Monochromacy



Original Color

230.0220, -36.9858, 9.6277

Achromatopsia

230.0000, 0.0000, 0.0000

Achromatomaly

229.8790, -13.2513, 3.6141

CSS Examples

Text

The CSS property to change the color of the text to YUV 230.0220, -36.9858, 9.6277 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(241, 239, 155)` looks like.

```
.text, #text, p{  
    color:rgb(241, 239, 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(241, 239, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 239, 155) }
```

Border

The CSS property to change the border of an element to YUV 230.0220, -36.9858, 9.6277 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(241, 239, 155) }
```


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

```
.border{ border-color:rgb(241, 239, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 239, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 239, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 239, 155);  
box-shadow:4px 4px 4px 4px rgb(241, 239,  
155) }
```

Background

The CSS property to change the background color of an element to YUV 230.0220, -36.9858, 9.6277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 239, 155) }
```

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

```
.background{ background-color: rgb(241,  
239, 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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