

Converting Colors

YUV(236.2190, -22.2930,
10.3319)

Have a look what the booklet for
YUV(236.2190, -22.2930, 10.3319)
contains.

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Color

**YUV(236.2190, -22.2930,
10.3319)**

Conversions

Conversions Part 1

Format	Color
Hex	F8EFBF
RGB	248, 239, 191
RGB Percent	97%, 94%, 75%
CMY	0.0275, 0.0627, 0.2510
CMYK	0.00, 0.04, 0.23, 0.03
HSL	51°, 80%, 86%
HSV	51°, 23%, 97%
XYZ	78.9819, 85.4511, 61.6211
YIQ	236.2190, 20.7720, -13.0200

Conversions

Conversions Part 2

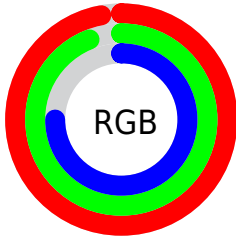
Format	Color
R _Y B	202, 248, 191
Decimal	16314303
CIE Lab	94.08, -4.40, 24.36
CIE LCh	94, 24.750, 100.232
Yxy	85.4511, 0.3494, 0.3780
Android (android.graphics.Color)	4294504383 (0xFFF8EFBF)
YUV	236.2190, -22.2930, 10.3319
Hunter-Lab	92.4397, -9.2565, 25.1846

Details

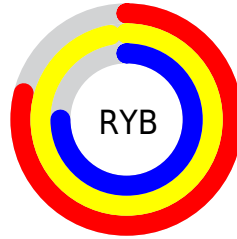
The YUV color $236.2190, -22.2930, 10.3319$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $202.7810, 22.2930, -10.3319$, and the grayscale version is $236.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.2020, -3.0576, 0.6998$, and $180.1480, -21.2720, 9.5172$ is the 20% darker color. If you saturate the color by 10%, you get $231.0210, -32.0554, 14.8906$, and if you desaturate by 10%, it is $241.4170, -12.5306, 5.7733$.

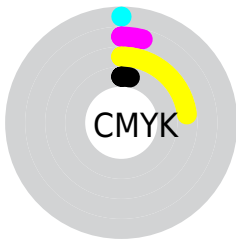
Distribution



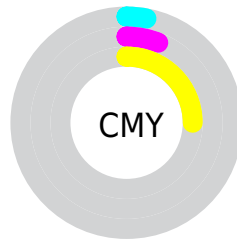
- Red (97%)
- Green (94%)
- Blue (75%)



- Red (79%)
- Yellow (97%)
- Blue (75%)



- Cyan (0%)
- Magenta (4%)
- Yellow (23%)
- Black (3%)



- Cyan (3%)
- Magenta (6%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 236.2190, -22.2930, 10.3319 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 236.2190, -22.2930, 10.3319 by changing the saturation by 10% instead.

■ 236.2190,
-22.2930, 10.3319

■ 236.2190,
-22.2930, 10.3319

■ 255.0000, 0.0000,
0.0000

■ 208.0340,
-21.7088, 9.6172

■ 254.2020, -3.0576,
0.6998

■ 180.1480,
-21.2720, 9.5172

■ 153.3760,
-20.3984, 9.3172

■ 127.1910,
-19.8142, 8.6025

■ 102.0060,
-19.2300, 7.8877

■ 77.9350, -18.2090,
7.0730

■ 54.7500, -17.6247,

6.3582

■ 33.6790, -16.6037,
5.5435

■ 12.6810, -6.2517,
-1.4742

■ 236.2190,
-22.2930, 10.3319

■ 236.2190,
-22.2930, 10.3319

■ 231.0210,
-32.0554, 14.8906

■ 241.4170,
-12.5306, 5.7733

■ 225.8230,
-41.8177, 19.4492

■ 246.6150, -2.7682,
1.2146

■ 220.7390,
-51.1433, 23.9079

■ 250.5590, 2.1894,
-2.2442

■ 215.5410,
-60.9057, 28.4665

■ 252.9070, 1.0318,
-4.3034

■ 210.3430,
-70.6681, 33.0252

■ 205.7320,
-80.7199, 37.0690

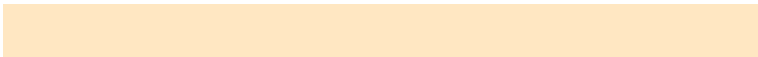
■ 200.5340,
-90.4823, 41.6277

■ 196.8350,
-97.0397, 44.8717

Harmonies

Analogous

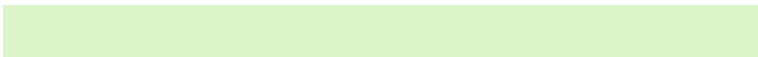
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



233.9580, -19.6993, 18.4538



236.2190, -22.2930, 10.3319



233.3950, -15.9707, -10.8704

Triad

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



236.2190, -22.2930, 10.3319



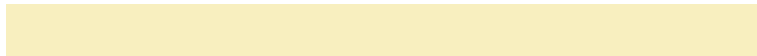
227.8460, 13.3869, -47.2229



236.2160, 9.2605, 16.4736

Complementary

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



236.2190, -22.2930, 10.3319



202.7810, 22.2930, -10.3319

Split Complementary

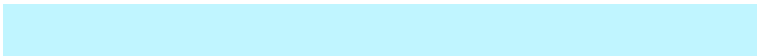
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



238.8410, 7.9664, 11.5404



236.2190, -22.2930, 10.3319



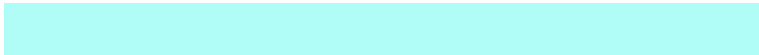
230.2930, 12.1806, -33.5830

Square

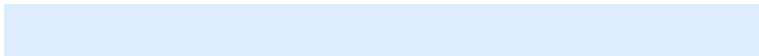
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



236.2190, -22.2930, 10.3319



228.5920, 8.5821, -46.1232



234.2680, 10.2209, -11.6360



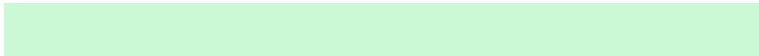
232.1920, -1.0807, 20.0026

Rectangle

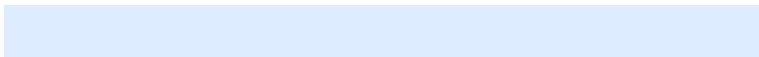
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



236.2190, -22.2930, 10.3319



231.2560, -8.5072, -24.7805



234.2680, 10.2209, -11.6360



237.3900, 8.6817, 15.4440

Sweetspot

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



236.2190, -22.2930, 10.3319



251.1870, -6.9942, 3.3440



209.1830, -4.0342, 34.0425



125.5720, -4.2260, 2.1294



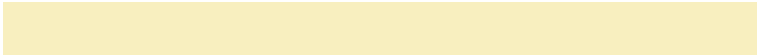
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

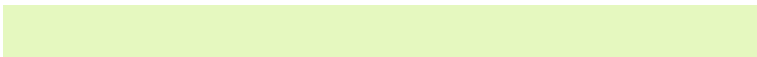
The Same Dimension uses a secret algorithm to generate beautiful new colors.



236.2190, -22.2930, 10.3319



240.4490, -27.8294, 12.7612



235.8210, -22.0968, -5.9820



122.3440, -5.0996, 2.3293



149.8440, -73.8731, 34.3398



48.7630, -24.0402, 10.7318

Inverse Universe

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



202.7810, 22.2930, -10.3319



198.5510, 27.8294, -12.7612



203.1790, 22.0968, 5.9820



114.6560, 5.0996, -2.3293



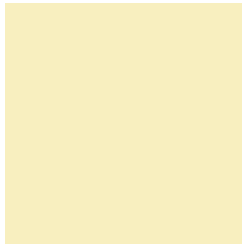
39.1560, 73.8731, -34.3398



12.8240, 23.7508, -11.2466

Previews

White Background



This preview shows how the YUV color 236.2190, -22.2930, 10.3319 looks on a white background.

Color Contrast Check

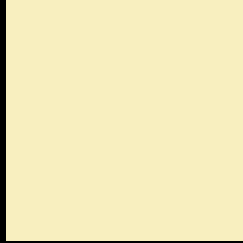
Large Text (above 18pt) WCAG AA × Fail

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 236.2190, -22.2930, 10.3319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

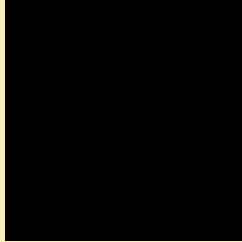
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 236.2190, -22.2930, 10.3319

Background



This preview shows how black text looks on a background with the YUV color 236.2190, -22.2930, 10.3319.



This preview shows how white text looks on a background with the YUV color 236.2190, -22.2930, 10.3319.

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

236.2190, -22.2930, 10.3319

Protanopia

236.4260, -22.8880, 14.5354

Deuteranopia

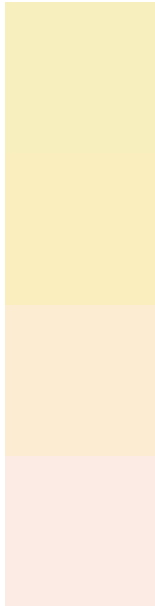
238.6830, -9.2107, 14.3100



Tritanopia

240.2280, 4.3246, 12.9550

Trichromacy



Original Color

236.2190, -22.2930, 10.3319

Protanomaly

236.4150, -22.8826, 12.7910

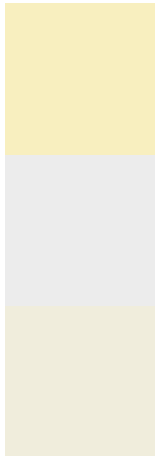
Deuteranomaly

237.7060, -14.1521, 12.5358

Tritanomaly

238.6980, -5.2741, 11.6659

Monochromacy



Original Color

236.2190, -22.2930, 10.3319

Achromatopsia

236.0000, 0.0000, 0.0000

Achromatomaly

235.9590, -7.8678, 3.5440

CSS Examples

Text

The CSS property to change the color of the text to YUV 236.2190, -22.2930, 10.3319 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(248, 239, 191)` looks like.

```
.text, #text, p{  
    color:rgb(248, 239, 191)  
}
```

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(248, 239, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 239, 191) }
```

Border

The CSS property to change the border of an element to YUV 236.2190, -22.2930, 10.3319 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(248, 239, 191) }
```


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

```
.border{ border-color:rgb(248, 239, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 239, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 239, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 239, 191);  
box-shadow:4px 4px 4px 4px rgb(248, 239,  
191) }
```

Background

The CSS property to change the background color of an element to YUV 236.2190, -22.2930, 10.3319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 239, 191) }
```

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

```
.background{ background-color: rgb(248,  
239, 191) }
```

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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