

Converting Colors

YUV(221.9030, -36.4342,
19.3791)

Have a look what the booklet for
YUV(221.9030, -36.4342, 19.3791)
contains.

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Color

**YUV(221.9030, -36.4342,
19.3791)**

Conversions

Conversions Part 1

Format	Color
Hex	F4E194
RGB	244, 225, 148
RGB Percent	96%, 88%, 58%
CMY	0.0431, 0.1176, 0.4196
CMYK	0.00, 0.08, 0.39, 0.04
HSL	48°, 81%, 77%
HSV	48°, 39%, 96%
XYZ	69.5787, 75.2216, 38.8690
YIQ	221.9030, 36.0410, -19.9190

Conversions

Conversions Part 2

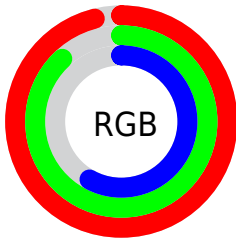
Format	Color
RYB	172, 244, 148
Decimal	16048532
CIELab	89.50, -4.10, 40.01
CIELCh	89, 40.224, 95.852
Yxy	75.2216, 0.3788, 0.4095
Android (android.graphics.Color)	4294238612 (0xFFFF4E194)
YUV	221.9030, -36.4342, 19.3791
Hunter-Lab	86.7304, -8.5781, 34.1399

Details

The YUV color $221.9030, -36.4342, 19.3791$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $170.0970, 36.4342, -19.3791$, and the grayscale version is $222.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.0720, -22.7135, 5.1989$, and $166.3480, -34.6816, 17.2348$ is the 20% darker color. If you saturate the color by 10%, you get $216.2320, -45.4704, 24.3525$, and if you desaturate by 10%, it is $227.5740, -27.3980, 14.4056$.

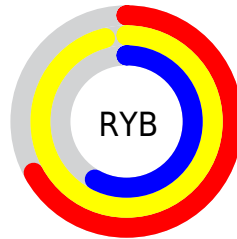
Distribution



Red (96%)

Green (88%)

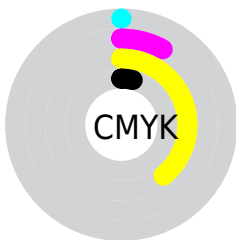
Blue (58%)



Red (67%)

Yellow (96%)

Blue (58%)

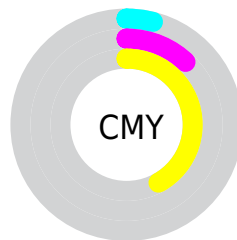


Cyan (0%)

Magenta (8%)

Yellow (39%)

Black (4%)



Cyan (4%)

Magenta (12%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 221.9030, -36.4342, 19.3791 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 221.9030, -36.4342, 19.3791 by changing the saturation by 10% instead.

■ 221.9030,
-36.4342, 19.3791

■ 221.9030,
-36.4342, 19.3791

255.0000, 0.0000,
0.0000

■ 193.8320,
-35.4132, 18.5643

■ 249.0720,
-22.7135, 5.1989

■ 166.3480,
-34.6816, 17.2348

■ 252.2640,
-10.4832, 2.3995

■ 139.8640,
-33.9500, 15.9053

■ 113.7930,
-32.9289, 15.0905

■ 88.4940, -32.7815,
14.4758

■ 64.7110, -31.9025,
12.5315

■ 44.3220, -21.8507,

8.4876

■ 24.8190, -12.2358,
4.5437

■ 0.0000, 0.0000,
0.0000

■ 221.9030,
-36.4342, 19.3791

■ 221.9030,
-36.4342, 19.3791

■ 216.2320,
-45.4704, 24.3525

■ 227.5740,
-27.3980, 14.4056

■ 210.4470,
-54.9434, 29.4260

■ 233.3590,
-17.9250, 9.3322

■ 205.3630,
-64.2690, 33.8846

■ 238.4430, -8.5994,
4.8735

■ 199.5780,
-73.7420, 38.9581

■ 244.2280, 0.8736,
-0.2000

■ 193.9070,
-82.7782, 43.9316

■ 248.1890, 3.3578,
-3.6738

■ 188.2360,
-91.8143, 48.9050

■ 251.1240, 1.9109,
-6.2477

■ 188.0080,
-92.6879, 49.1050

■ 251.7110, 1.6215,
-6.7625

Harmonies

Analogous

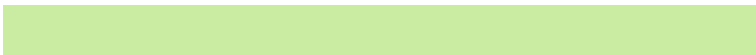
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



218.4730, -30.7992, 32.0342



221.9030, -36.4342, 19.3791



217.3980, -27.3112, -13.5040

Triad

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



221.9030, -36.4342, 19.3791



200.1050, 27.0632, -93.9311



222.7150, 15.9165, 28.3139

Complementary

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



221.9030, -36.4342, 19.3791



170.0970, 36.4342, -19.3791

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.



225.2740, 14.6549, 12.9147



221.9030, -36.4342, 19.3791



205.8630, 24.2245, -70.0399

Square

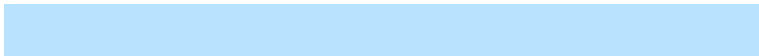
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



221.9030, -36.4342, 19.3791



204.5230, 13.0532, -80.2657



217.0470, 18.7108, -28.1052



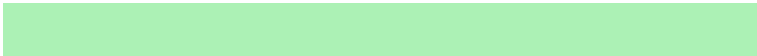
216.2630, 1.3493, 33.9723

Rectangle

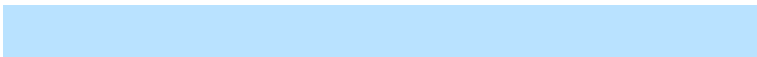
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



221.9030, -36.4342, 19.3791



213.5290, -16.0368, -36.4209



217.0470, 18.7108, -28.1052



225.0630, 14.7589, 26.2547

Sweetspot

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



221.9030, -36.4342, 19.3791



247.9440, -11.8044, 6.1881



178.8700, -5.8519, 57.1190



123.6000, -6.7048, 3.8588



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.



221.9030, -36.4342, 19.3791



227.2320, -45.4704, 24.3525



224.3850, -37.6578, -8.2306



119.4580, -4.6628, 2.2293



143.0770, -70.5370, 37.6435



45.2300, -22.2984, 12.0763

Inverse Universe

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



170.0970, 36.4342, -19.3791



162.7680, 45.4704, -24.3525



167.6150, 37.6578, 8.2306



113.1290, 4.3734, -2.7441



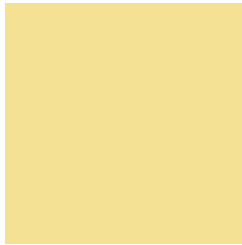
42.9230, 70.5370, -37.6435



13.7700, 22.2984, -12.0763

Previews

White Background



This preview shows how the YUV color 221.9030, -36.4342, 19.3791 looks on a white background.

Color Contrast Check

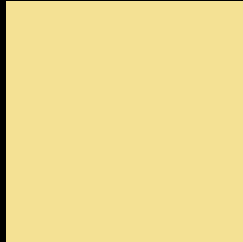
Large Text (above 18pt) WCAG AA × Fail

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 221.9030, -36.4342, 19.3791 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 221.9030, -36.4342, 19.3791 Background



This preview shows how black text looks on a background with the YUV color 221.9030, -36.4342, 19.3791.



This preview shows how white text looks on a background with the YUV color 221.9030, -36.4342, 19.3791.

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

221.9030, -36.4342, 19.3791

Protanopia

221.9030, -36.4342, 19.3791

Deuteranopia

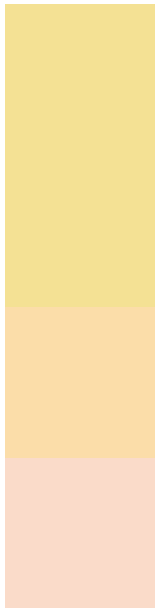
225.4320, -21.9050, 25.9311



Tritanopia

228.1860, 1.3873, 21.7619

Trichromacy



Original Color

221.9030, -36.4342, 19.3791

Protanomaly

221.9030, -36.4342, 19.3791

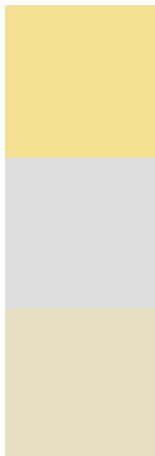
Deuteranomaly

224.0420, -27.1357, 23.6422

Tritanomaly

226.2170, -12.4320, 20.8577

Monochromacy



Original Color

221.9030, -36.4342, 19.3791

Achromatopsia

222.0000, 0.0000, 0.0000

Achromatomaly

221.9010, -13.2622, 7.1028

CSS Examples

Text

The CSS property to change the color of the text to YUV 221.9030, -36.4342, 19.3791 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(244, 225, 148)` looks like.

```
.text, #text, p{  
    color:rgb(244, 225, 148)  
}
```

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(244, 225, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 225, 148) }
```

Border

The CSS property to change the border of an element to YUV 221.9030, -36.4342, 19.3791 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(244, 225, 148) }
```


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

```
.border{ border-color:rgb(244, 225, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 225, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 225, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 225, 148);  
box-shadow:4px 4px 4px 4px rgb(244, 225,  
148) }
```

Background

The CSS property to change the background color of an element to YUV 221.9030, -36.4342, 19.3791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 225, 148) }
```

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

```
.background{ background-color: rgb(244,  
225, 148) }
```

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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