

Converting Colors

YUV(219.2960, -42.5439,
19.0344)

Have a look what the booklet for
YUV(219.2960, -42.5439, 19.0344)
contains.

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Color

**YUV(219.2960, -42.5439,
19.0344)**

Conversions

Conversions Part 1

Format	Color
Hex	F1E185
RGB	241, 225, 133
RGB Percent	95%, 88%, 52%
CMY	0.0549, 0.1176, 0.4784
CMYK	0.00, 0.07, 0.45, 0.05
HSL	51°, 79%, 73%
HSV	51°, 45%, 95%
XYZ	67.4345, 74.2447, 32.9668
YIQ	219.2960, 39.0680, -25.2200

Conversions

Conversions Part 2

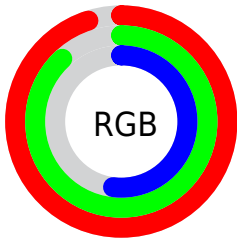
Format	Color
R_{YB}	152, 241, 133
Decimal	15851909
CIE _{Lab}	89.04, -6.80, 46.80
CIE _{LCh}	89, 47.294, 98.269
Yxy	74.2447, 0.3861, 0.4251
Android (android.graphics.Color)	4294041989 (0xFFFF1E185)
YUV	219.2960, -42.5439, 19.0344
Hunter-Lab	86.1653, -11.0922, 37.6314

Details

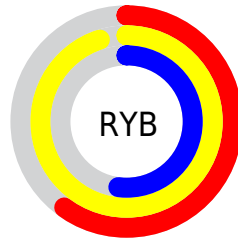
The YUV color $219.2960, -42.5439, 19.0344$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $154.7040, 42.5439, -19.0344$, and the grayscale version is $220.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $247.3620, -29.2655, 6.6985$, and $163.7410, -40.7913, 16.8901$ is the 20% darker color. If you saturate the color by 10%, you get $214.2120, -51.8695, 23.4931$, and if you desaturate by 10%, it is $224.3800, -33.2183, 14.5757$.

Distribution



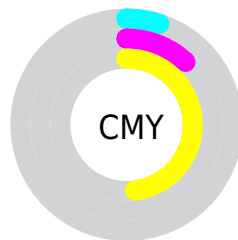
- Red (95%)
- Green (88%)
- Blue (52%)



- Red (60%)
- Yellow (95%)
- Blue (52%)



- Cyan (0%)
- Magenta (7%)
- Yellow (45%)
- Black (5%)



- Cyan (5%)
- Magenta (12%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 219.2960, -42.5439, 19.0344 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 219.2960, -42.5439, 19.0344 by changing the saturation by 10% instead.

■ 219.2960,
-42.5439, 19.0344

■ 219.2960,
-42.5439, 19.0344

255.0000, 0.0000,
0.0000

■ 191.2250,
-41.5229, 18.2197

■ 247.3620,
-29.2655, 6.6985

■ 163.7410,
-40.7913, 16.8901

■ 250.5540,
-17.0351, 3.8991

■ 137.2570,
-40.0597, 15.5606

■ 253.8600, -4.3680,
0.9998

■ 110.9580,
-39.9123, 14.9458

■ 85.3770, -42.0909,
13.7014

■ 63.5150, -31.3129,
10.0723

■ 43.1260, -21.2611,

6.0285

■ 23.3240, -11.4987,
1.4699

■ 0.0000, 0.0000,
0.0000

■ 219.2960,
-42.5439, 19.0344

■ 219.2960,
-42.5439, 19.0344

■ 214.2120,
-51.8695, 23.4931

■ 224.3800,
-33.2183, 14.5757

■ 209.7150,
-61.4845, 27.4369

■ 228.8770,
-23.6034, 10.6319

■ 204.6310,
-70.8101, 31.8956

■ 233.9610,
-14.2778, 6.1732

■ 200.1340,
-80.4251, 35.8395

■ 238.4580, -4.6628,
2.2293

■ 195.0500,
-89.7506, 40.2982

■ 243.5420, 4.6628,
-2.2293

■ 192.3940,
-94.8502, 42.6275

■ 245.5310, 4.6682,
-3.9737

■ 247.8790, 3.5107,
-6.0329

■ 250.2270, 2.3531,
-8.0921

■ 250.8140, 2.0637,
-8.6069

Harmonies

Analogous

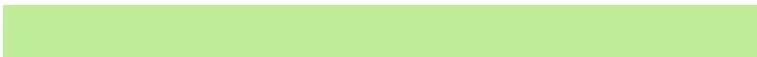
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



215.4750, -37.2092, 34.6634



219.2960, -42.5439, 19.0344



213.7410, -30.9313, -19.0669

Triad

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



219.2960, -42.5439, 19.0344



172.8850, 40.4827, -151.6201



218.6060, 17.9422, 31.9175

Complementary

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



219.2960, -42.5439, 19.0344



154.7040, 42.5439, -19.0344

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.



223.8340, 15.3648, 18.5626



219.2960, -42.5439, 19.0344



196.8930, 28.6468, -88.4832

Square

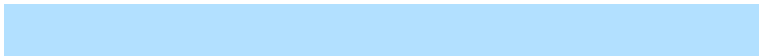
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



219.2960, -42.5439, 19.0344



192.3990, 21.0023, -109.9749



213.7800, 20.3215, -31.3791



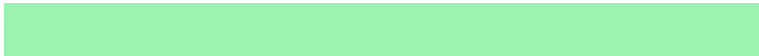
210.8830, 1.0437, 38.6906

Rectangle

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



219.2960, -42.5439, 19.0344



208.9360, -16.7304, -47.3019



213.7800, 20.3215, -31.3791



220.9540, 16.7847, 29.8583

Sweetspot

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



219.2960, -42.5439, 19.0344



248.3030, -12.9674, 5.8733



167.1160, -8.9312, 64.7963



123.2580, -8.0152, 4.1587



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.



219.2960, -42.5439, 19.0344



227.5280, -54.4903, 24.0929



217.3260, -41.5727, -12.5639



117.4580, -4.6628, 2.2293



146.5880, -72.2679, 32.8103



44.9200, -22.1456, 9.7172

Inverse Universe

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



154.7040, 42.5439, -19.0344



145.0590, 54.2009, -24.6077



156.6740, 41.5727, 12.5639



110.5420, 4.6628, -2.2293



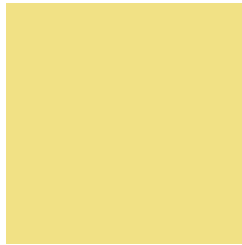
36.8250, 72.5573, -32.2955



11.0800, 22.1456, -9.7172

Previews

White Background



This preview shows how the YUV color 219.2960, -42.5439, 19.0344 looks on a white background.

Color Contrast Check

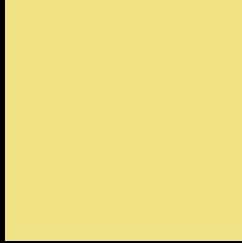
Large Text (above 18pt) WCAG AA × Fail

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 219.2960, -42.5439, 19.0344 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 219.2960, -42.5439, 19.0344 Background



This preview shows how black text looks on a background with the YUV color 219.2960, -42.5439, 19.0344.



This preview shows how white text looks on a background with the YUV color 219.2960, -42.5439, 19.0344.

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

219.2960, -42.5439, 19.0344

Protanopia

219.9050, -42.8442, 22.0083

Deuteranopia

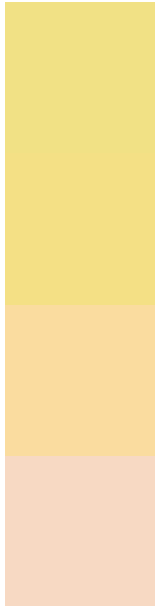
223.4600, -24.3838, 27.6606



Tritanopia

226.3000, 1.8241, 21.6619

Trichromacy



Original Color

219.2960, -42.5439, 19.0344

Protanomaly

219.6060, -42.6968, 21.3935

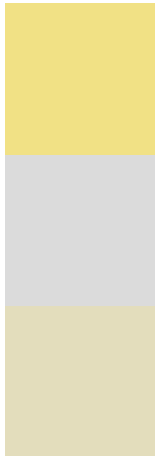
Deuteranomaly

222.0160, -31.0669, 24.5420

Tritanomaly

223.4620, -14.0318, 20.6428

Monochromacy



Original Color

219.2960, -42.5439, 19.0344

Achromatopsia

219.0000, 0.0000, 0.0000

Achromatomaly

219.0320, -15.2988, 6.9879

CSS Examples

Text

The CSS property to change the color of the text to YUV 219.2960, -42.5439, 19.0344 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, 225, 133)` looks like.

```
.text, #text, p{  
    color:rgb(241, 225, 133)  
}
```

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, 225, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 225, 133) }
```

Border

The CSS property to change the border of an element to YUV 219.2960, -42.5439, 19.0344 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, 225, 133) }
```


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

```
.border{ border-color:rgb(241, 225, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 225, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 225, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 225, 133);  
box-shadow:4px 4px 4px 4px rgb(241, 225,  
133) }
```

Background

The CSS property to change the background color of an element to YUV 219.2960, -42.5439, 19.0344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 225, 133) }
```

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

```
.background{ background-color: rgb(241,  
225, 133) }
```

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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