

Converting Colors

YUV(220.7570, -41.7852,
8.9831)

Have a look what the booklet for
YUV(220.7570, -41.7852, 8.9831)
contains.

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Color

**YUV(220.7570, -41.7852,
8.9831)**

Conversions

Conversions Part 1

Format	Color
Hex	E7E888
RGB	231, 232, 136
RGB Percent	91%, 91%, 53%
CMY	0.0941, 0.0902, 0.4667
CMYK	0.00, 0.00, 0.41, 0.09
HSL	61°, 68%, 72%
HSV	61°, 41%, 91%
XYZ	66.2555, 76.4797, 34.5626
YIQ	220.7570, 30.2200, -30.0680

Conversions

Conversions Part 2

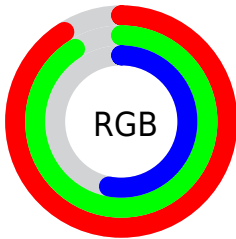
Format	Color
RYB	136, 232, 137
Decimal	15198344
CIELab	90.08, -13.91, 46.47
CIElCh	90, 48.507, 106.669
Yxy	76.4797, 0.3737, 0.4314
Android (android.graphics.Color)	4293388424 (0xFFE7E888)
YUV	220.7570, -41.7852, 8.9831
Hunter-Lab	87.4527, -17.8078, 37.7846

Details

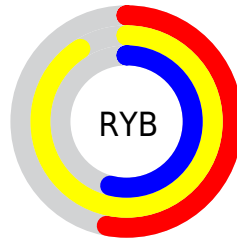
The YUV color **220.7570, -41.7852, 8.9831** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **147.2430, 41.7852, -8.9831**, and the grayscale version is **221.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **247.7040, -27.9551, 6.3986**, and **165.5010, -40.1800, 7.4536** is the 20% darker color. If you saturate the color by 10%, you get **218.1350, -51.8316, 11.2826**, and if you desaturate by 10%, it is **223.3790, -31.7388, 6.6836**.

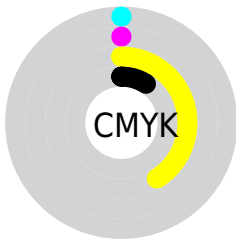
Distribution



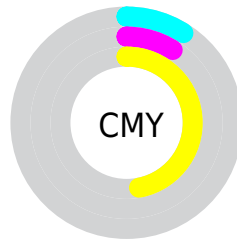
- Red (91%)
- Green (91%)
- Blue (53%)



- Red (53%)
- Yellow (91%)
- Blue (54%)



- Cyan (0%)
- Magenta (0%)
- Yellow (41%)
- Black (9%)



- Cyan (9%)
- Magenta (9%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 220.7570, -41.7852, 8.9831 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 220.7570, -41.7852, 8.9831 by changing the saturation by 10% instead.

■ 220.7570,
-41.7852, 8.9831

■ 220.7570,
-41.7852, 8.9831

■ 255.0000, 0.0000,
0.0000

■ 192.6860,
-40.7642, 8.1684

■ 247.7040,
-27.9551, 6.3986

■ 165.5010,
-40.1800, 7.4536

■ 250.8960,
-15.7247, 3.5992

■ 138.3160,
-39.5958, 6.7389

■ 254.2020, -3.0576,
0.6998

■ 112.1310,
-39.0116, 6.0241

■ 86.0340, -41.9218,
6.1092

■ 64.9440, -32.0174,
2.6801

■ 43.9680, -21.6762,

-0.8489

■ 24.1660, -11.9138,
-5.4076

■ 0.5870, -0.2894,
-0.5148

■ 220.7570,
-41.7852, 8.9831

■ 220.7570,
-41.7852, 8.9831

■ 218.1350,
-51.8316, 11.2826

■ 223.3790,
-31.7388, 6.6836

■ 215.5130,
-61.8779, 13.5821

■ 226.0010,
-21.6925, 4.3841

■ 212.4780,
-72.2137, 15.3668

■ 229.0360,
-11.3567, 2.5994

■ 209.8560,
-82.2600, 17.6663

■ 231.6580, -1.3104,
0.2999

■ 207.2340,
-92.3064, 19.9658

■ 234.2800, 8.7360,
-1.9996

■ 204.9540,
-101.0423, 21.9653

■ 234.6220, 10.0464,
-2.2995

■ 234.9210, 9.8989,
-1.6847

Harmonies

Analogous

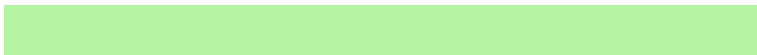
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



219.1280, -40.9821, 31.4597



220.7570, -41.7852, 8.9831



214.5160, -26.3834, -31.1475

Triad

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



220.7570, -41.7852, 8.9831



174.0590, 39.9039, -152.6497



217.9220, 15.3215, 32.5174

Complementary

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



220.7570, -41.7852, 8.9831



147.2430, 41.7852, -8.9831

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.



225.6500, 14.4696, 25.7400



220.7570, -41.7852, 8.9831



203.7700, 25.2564, -74.3433

Square

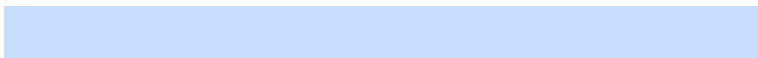
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



220.7570, -41.7852, 8.9831



185.9320, 32.5715, -134.1214



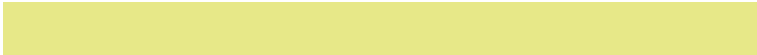
219.4830, 17.5099, -16.2096



211.3900, -4.6293, 38.2460

Rectangle

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



220.7570, -41.7852, 8.9831



208.5690, -10.1405, -61.0120



219.4830, 17.5099, -16.2096



220.3670, 17.0741, 30.3731

Sweetspot

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



220.7570, -41.7852, 8.9831



251.4660, -13.5407, 3.0993



164.7040, -14.1511, 59.0186



125.6490, -7.7150, 1.1848



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.



220.7570, -41.7852, 8.9831



240.2230, -55.3259, 12.0824



206.7040, -34.8571, -19.9114



113.6320, -5.2416, 1.1997



157.9960, -77.8920, 16.6665



44.8870, -22.1293, 4.4841

Inverse Universe

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



147.2430, 41.7852, -8.9831



142.7770, 55.3259, -12.0824



161.2960, 34.8571, 19.9114



104.3680, 5.2416, -1.1997



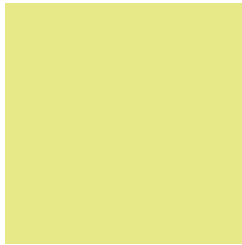
21.0040, 77.8920, -16.6665



6.1130, 22.1293, -4.4841

Previews

White Background



This preview shows how the YUV color 220.7570, -41.7852, 8.9831 looks on a white background.

Color Contrast Check

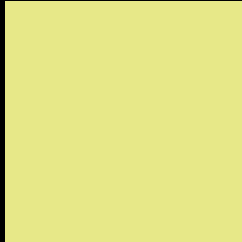
Large Text (above 18pt) WCAG AA × Fail

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 220.7570, -41.7852, 8.9831 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 220.7570, -41.7852, 8.9831 Background



This preview shows how black text looks on a background with the YUV color 220.7570, -41.7852, 8.9831.



This preview shows how white text looks on a background with the YUV color 220.7570, -41.7852, 8.9831.

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

220.7570, -41.7852, 8.9831

Protanopia

222.6770, -43.7178, 22.2083

Deuteranopia

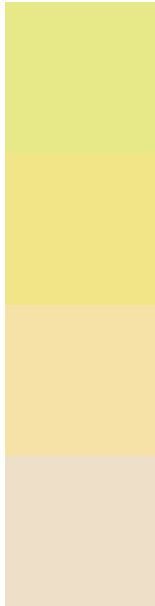
226.8340, -21.6102, 24.7016



Tritanopia

228.5160, 4.1826, 11.8255

Trichromacy



Original Color

220.7570, -41.7852, 8.9831

Protanomaly

222.1710, -42.9753, 17.3900

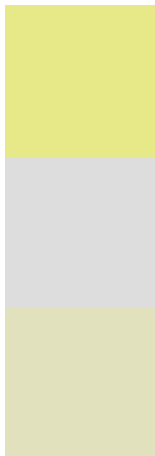
Deuteranomaly

224.5530, -28.8666, 18.8090

Tritanomaly

225.4500, -12.5468, 11.0064

Monochromacy



Original Color

220.7570, -41.7852, 8.9831

Achromatopsia

221.0000, 0.0000, 0.0000

Achromatomaly

221.0100, -15.2879, 3.4992

CSS Examples

Text

The CSS property to change the color of the text to YUV 220.7570, -41.7852, 8.9831 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(231, 232, 136)` looks like.

```
.text, #text, p{  
    color:rgb(231, 232, 136)  
}
```

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(231, 232, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 232, 136) }
```

Border

The CSS property to change the border of an element to YUV 220.7570, -41.7852, 8.9831 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(231, 232, 136) }
```


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

```
.border{ border-color:rgb(231, 232, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 232, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 232, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 232, 136);  
box-shadow:4px 4px 4px 4px rgb(231, 232,  
136) }
```

Background

The CSS property to change the background color of an element to YUV 220.7570, -41.7852, 8.9831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 232, 136) }
```

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

```
.background{ background-color: rgb(231,  
232, 136) }
```

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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