

Converting Colors

YUV(222.1550, -41.9814,
25.2971)

Have a look what the booklet for
YUV(222.1550, -41.9814, 25.2971)
contains.

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Color

**YUV(222.1550, -41.9814,
25.2971)**

Conversions

Conversions Part 1

Format	Color
Hex	FBE089
RGB	251, 224, 137
RGB Percent	98%, 88%, 54%
CMY	0.0157, 0.1216, 0.4627
CMYK	0.00, 0.11, 0.45, 0.02
HSL	46°, 93%, 76%
HSV	46°, 45%, 98%
XYZ	70.9547, 75.6267, 34.5246
YIQ	222.1550, 44.0190, -21.3330

Conversions

Conversions Part 2

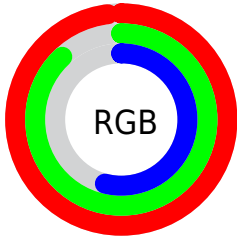
Format	Color
R_{YB}	172, 251, 137
Decimal	16507017
CIE Lab	89.69, -1.97, 45.84
CIE LCh	90, 45.878, 92.455
Yxy	75.6267, 0.3918, 0.4176
Android (android.graphics.Color)	4294697097 (0xFFFBE089)
YUV	222.1550, -41.9814, 25.2971
Hunter-Lab	86.9636, -6.5460, 37.3364

Details

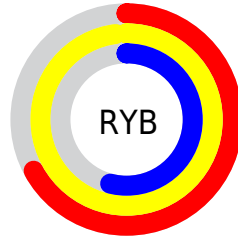
The YUV color $222.1550, -41.9814, 25.2971$ is a light color, and the websafe version is hex FFCC66 . A complement of this color would be $165.8450, 41.9814, -25.2971$, and the grayscale version is $223.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $247.8180, -27.5183, 6.2986$, and $166.6000, -40.2288, 23.1528$ is the 20% darker color. If you saturate the color by 10%, you get $215.7830, -51.1650, 30.8853$, and if you desaturate by 10%, it is $228.5270, -32.7978, 19.7088$.

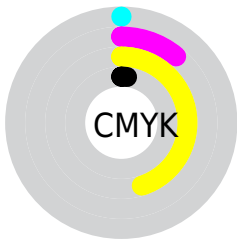
Distribution



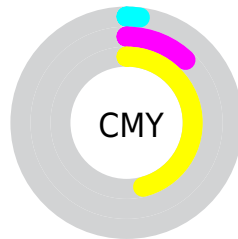
- Red (98%)
- Green (88%)
- Blue (54%)



- Red (67%)
- Yellow (98%)
- Blue (54%)



- Cyan (0%)
- Magenta (11%)
- Yellow (45%)
- Black (2%)



- Cyan (2%)
- Magenta (12%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 222.1550, -41.9814, 25.2971 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 222.1550, -41.9814, 25.2971 by changing the saturation by 10% instead.

222.1550,
-41.9814, 25.2971

222.1550,
-41.9814, 25.2971

255.0000, 0.0000,
0.0000

193.7850,
-40.8130, 23.8676

247.8180,
-27.5183, 6.2986

166.6000,
-40.2288, 23.1528

251.0100,
-15.2879, 3.4992

139.8170,
-39.3498, 21.2085

254.3160, -2.6208,
0.5999

113.3330,
-38.6182, 19.8790

87.6380, -41.2335,
18.7345

65.3200, -32.2028,
15.5054

44.6320, -22.0036,

10.8467

■ 25.7160, -12.6780,
6.3881

■ 0.0000, 0.0000,
0.0000

■ 222.1550,
-41.9814, 25.2971

■ 222.1550,
-41.9814, 25.2971

■ 215.7830,
-51.1650, 30.8853

■ 228.5270,
-32.7978, 19.7088

■ 209.4110,
-60.3486, 36.4736

■ 234.8990,
-23.6142, 14.1206

■ 203.0390,
-69.5322, 42.0618

■ 241.2710,
-14.4306, 8.5323

■ 196.6670,
-78.7158, 47.6500

■ 247.6430, -5.2470,
2.9441

■ 190.2950,
-87.8994, 53.2383

■ 253.2170, 0.8790,
-1.9443

■ 187.7530,
-92.5622, 55.4676

■ 253.8040, 0.5896,
-2.4591

Harmonies

Analogous

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



215.9140, -32.9886, 34.2784



222.1550, -41.9814, 25.2971



217.5140, -33.2844, -10.9748

Triad

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



222.1550, -41.9814, 25.2971



186.6060, 33.7182, -128.5735



221.5410, 16.4953, 29.3435

Complementary

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



222.1550, -41.9814, 25.2971



165.8450, 41.9814, -25.2971

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.



224.3660, 15.1026, 9.3260



222.1550, -41.9814, 25.2971



197.7460, 28.2262, -93.6162

Square

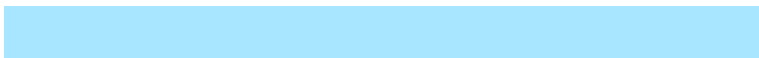
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



222.1550, -41.9814, 25.2971



199.6630, 13.9701, -94.4205



213.7250, 20.3486, -40.1008



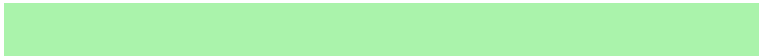
213.7840, 4.5435, 36.1464

Rectangle

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



222.1550, -41.9814, 25.2971



212.9650, -20.6887, -37.6803



213.7250, 20.3486, -40.1008



224.4760, 15.0483, 26.7695

Sweetspot

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



222.1550, -41.9814, 25.2971



246.2000, -13.4096, 7.7176



174.3920, -4.1373, 67.1852



121.9700, -7.8732, 5.2883



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.



222.1550, -41.9814, 25.2971



219.6690, -51.6018, 30.9853



229.3330, -45.5202, -6.4310



121.7570, -4.8102, 2.8441



141.0390, -69.5322, 42.0618



45.8280, -22.5932, 13.3058

Inverse Universe

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



165.8450, 41.9814, -25.2971



150.3310, 51.6018, -30.9853



158.6670, 45.5202, 6.4310



115.2430, 4.8102, -2.8441



47.9610, 69.5322, -42.0618



15.1720, 22.5932, -13.3058

Previews

White Background



This preview shows how the YUV color 222.1550, -41.9814, 25.2971 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 222.1550, -41.9814, 25.2971 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 222.1550, -41.9814, 25.2971 Background



This preview shows how black text looks on a background with the YUV color 222.1550, -41.9814, 25.2971.



This preview shows how white text looks on a background with the YUV color 222.1550, -41.9814, 25.2971.

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

222.1550, -41.9814, 25.2971

Protanopia

221.9480, -41.3864, 21.0936

Deuteranopia

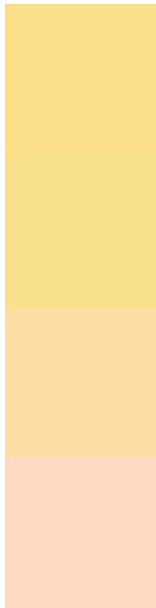
225.9050, -22.6312, 25.5163



Tritanopia

228.5560, 0.2189, 23.1914

Trichromacy



Original Color

222.1550, -41.9814, 25.2971

Protanomaly

221.9590, -41.3918, 22.8380

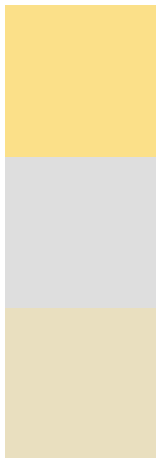
Deuteranomaly

224.3690, -29.7619, 25.9864

Tritanomaly

226.2560, -14.9162, 24.3315

Monochromacy



Original Color

222.1550, -41.9814, 25.2971

Achromatopsia

222.0000, 0.0000, 0.0000

Achromatomaly

222.3420, -15.4516, 9.3471

CSS Examples

Text

The CSS property to change the color of the text to YUV 222.1550, -41.9814, 25.2971 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(251, 224, 137)` looks like.

```
.text, #text, p{  
    color:rgb(251, 224, 137)  
}
```

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(251, 224, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 224, 137) }
```

Border

The CSS property to change the border of an element to YUV 222.1550, -41.9814, 25.2971 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(251, 224, 137) }
```


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

```
.border{ border-color:rgb(251, 224, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 224, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 224, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 224, 137);  
box-shadow:4px 4px 4px 4px rgb(251, 224,  
137) }
```

Background

The CSS property to change the background color of an element to YUV 222.1550, -41.9814, 25.2971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 224, 137) }
```

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

```
.background{ background-color: rgb(251,  
224, 137) }
```

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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