

Converting Colors

YUV(225.9790, -41.8946,
-2.6126)

Have a look what the booklet for
YUV(225.9790, -41.8946, -2.6126)
contains.

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Color

**YUV(225.9790, -41.8946,
-2.6126)**

Conversions

Conversions Part 1

Format	Color
Hex	DFF48D
RGB	223, 244, 141
RGB Percent	87%, 96%, 55%
CMY	0.1255, 0.0431, 0.4471
CMYK	0.09, 0.00, 0.42, 0.04
HSL	72°, 82%, 75%
HSV	72°, 42%, 96%
XYZ	67.5898, 82.3124, 37.5248
YIQ	225.9790, 20.5470, -36.4850

Conversions

Conversions Part 2

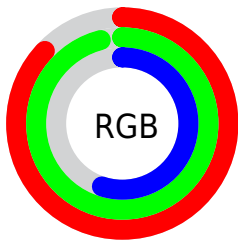
Format	Color
RYB	141, 244, 162
Decimal	14677133
CIELab	92.71, -22.30, 47.21
CIELCh	93, 52.214, 115.281
Yxy	82.3124, 0.3606, 0.4392
Android (android.graphics.Color)	4292867213 (0xFFDFF48D)
YUV	225.9790, -41.8946, -2.6126
Hunter-Lab	90.7262, -25.7907, 38.9857

Details

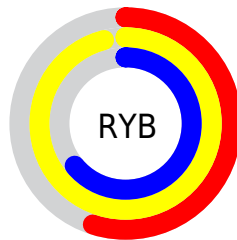
The YUV color **225.9790, -41.8946, -2.6126** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **159.0210, 41.8946, 2.6126**, and the grayscale version is **226.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **248.2740, -25.7711, 5.8987**, and **170.0220, -40.4368, -3.5273** is the 20% darker color. If you saturate the color by 10%, you get **221.7480, -51.6408, -3.2870**, and if you desaturate by 10%, it is **230.2100, -32.1485, -1.9382**.

Distribution



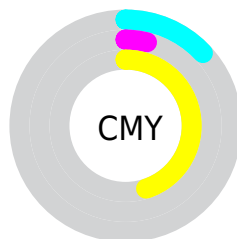
- Red (87%)
- Green (96%)
- Blue (55%)



- Red (55%)
- Yellow (96%)
- Blue (64%)



- Cyan (9%)
- Magenta (0%)
- Yellow (42%)
- Black (4%)



- Cyan (13%)
- Magenta (4%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 225.9790, -41.8946, -2.6126 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 225.9790, -41.8946, -2.6126 by changing the saturation by 10% instead.

225.9790,
-41.8946, -2.6126

225.9790,
-41.8946, -2.6126

255.0000, 0.0000,
0.0000

197.7940,
-41.3104, -3.3273

248.2740,
-25.7711, 5.8987

170.0220,
-40.4368, -3.5273

251.5800,
-13.1039, 2.9993

143.2500,
-39.5632, -3.7272

254.8860, -0.4368,
0.1000

116.9510,
-39.4158, -4.3420

90.2670, -42.0366,
-3.7422

67.8350, -33.4427,
-6.8713

47.1580, -23.2489,

-9.7856

■ 25.8720, -12.7549,
-15.6737

■ 9.9790, -4.9196,
-8.7516

■ 225.9790,
-41.8946, -2.6126

■ 225.9790,
-41.8946, -2.6126

■ 221.7480,
-51.6408, -3.2870

■ 230.2100,
-32.1485, -1.9382

■ 217.4030,
-61.8237, -3.8614

■ 234.5550,
-21.9656, -1.3637

■ 213.1720,
-71.5698, -4.5358

■ 238.7860,
-12.2195, -0.6893

■ 208.8270,
-81.7527, -5.1103

■ 243.1310, -2.0366,
-0.1149

■ 204.5960,
-91.4988, -5.7847

■ 246.4500, 4.2152,
1.3594

■ 201.2340,
-99.2084, -6.3442

■ 247.9450, 3.4781,
4.4332

■ 248.5430, 3.1833,
5.6628

Harmonies

Analogous

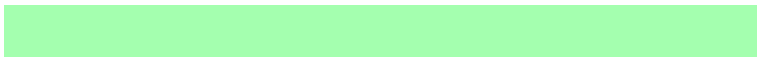
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



225.2430, -45.4758, 26.0969



225.9790, -41.8946, -2.6126



218.6710, -21.5298, -47.9465

Triad

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



225.9790, -41.8946, -2.6126



178.1680, 37.8782, -156.2533



218.5260, 12.5587, 31.9877

Complementary

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



225.9790, -41.8946, -2.6126



159.0210, 41.8946, 2.6126

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.



226.2370, 14.1802, 25.2252



225.9790, -41.8946, -2.6126



213.5820, 20.4191, -62.7774

Square

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



225.9790, -41.8946, -2.6126



178.7550, 37.5888, -156.7681



228.7300, 12.9511, -0.6402



214.0000, -9.8600, 35.9570

Rectangle

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



225.9790, -41.8946, -2.6126



208.2660, -0.6241, -80.0403



228.7300, 12.9511, -0.6402



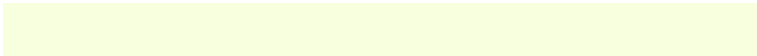
220.9540, 16.7847, 29.8583

Sweetspot

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



225.9790, -41.8946, -2.6126



249.1450, -13.3825, -1.0042



184.1240, -21.2601, 52.5113



124.1110, -8.4357, -0.9743



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.



225.9790, -41.8946, -2.6126



232.1070, -52.8038, -3.6018



210.7300, -34.3769, -33.9662



120.0340, -4.9468, -0.0298



153.4340, -75.6430, -4.7656



48.6860, -24.0022, -1.4786

Inverse Universe

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



159.0210, 41.8946, 2.6126



147.5940, 52.9512, 2.9871



174.2700, 34.3769, 33.9662



112.2650, 4.7994, 0.6446



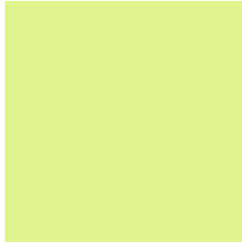
32.5660, 75.6430, 4.7656



10.3140, 24.0022, 1.4786

Previews

White Background



This preview shows how the YUV color 225.9790, -41.8946, -2.6126 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 225.9790, -41.8946, -2.6126 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 225.9790, -41.8946, -2.6126

Background



This preview shows how black text looks on a background with the YUV color 225.9790, -41.8946, -2.6126.



This preview shows how white text looks on a background with the YUV color 225.9790, -41.8946, -2.6126.

-2.6126.

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

225.9790, -41.8946, -2.6126

Protanopia

230.0190, -42.4074, 21.9083

Deuteranopia

234.3970, -15.4787, 18.0688



Tritanopia

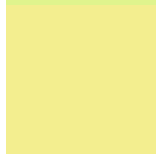
234.6610, 7.5621, 1.1743

Trichromacy



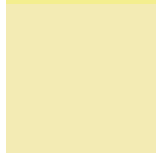
Original Color

225.9790, -41.8946, -2.6126



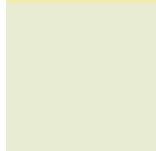
Protanomaly

228.6650, -42.2328, 12.5718



Deuteranomaly

231.1220, -25.2031, 10.4170



Tritanomaly

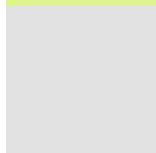
231.5410, -10.6197, -0.4745

Monochromacy



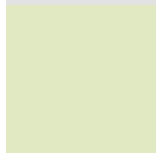
Original Color

225.9790, -41.8946, -2.6126



Achromatopsia

226.0000, 0.0000, 0.0000



Achromatomaly

226.2760, -15.4191, -1.1191

CSS Examples

Text

The CSS property to change the color of the text to YUV 225.9790, -41.8946, -2.6126 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(223, 244, 141)` looks like.

```
.text, #text, p{  
    color:rgb(223, 244, 141)  
}
```

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(223, 244, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 244, 141) }
```

Border

The CSS property to change the border of an element to YUV 225.9790, -41.8946, -2.6126 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(223, 244, 141) }
```


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

```
.border{ border-color:rgb(223, 244, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 244, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 244, 141); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 244, 141); box-shadow:4px 4px 4px 4px rgb(223, 244, 141) }
```

Background

The CSS property to change the background color of an element to YUV 225.9790, -41.8946, -2.6126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 244, 141) }
```

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

```
.background{ background-color: rgb(223,  
244, 141) }
```

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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