

Converting Colors

YUV(223.7510, -42.7682,
-2.4126)

Have a look what the booklet for
YUV(223.7510, -42.7682, -2.4126)
contains.

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Color

**YUV(223.7510, -42.7682,
-2.4126)**

Conversions

Conversions Part 1

Format	Color
Hex	DDF289
RGB	221, 242, 137
RGB Percent	87%, 95%, 54%
CMY	0.1333, 0.0510, 0.4627
CMYK	0.09, 0.00, 0.43, 0.05
HSL	72°, 80%, 74%
HSV	72°, 43%, 95%
XYZ	66.0863, 80.6826, 35.7571
YIQ	223.7510, 21.1890, -37.1070

Conversions

Conversions Part 2

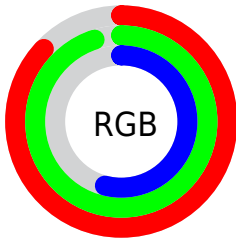
Format	Color
RYB	137, 242, 158
Decimal	14545545
CIELab	91.99, -22.52, 48.21
CIELCh	92, 53.206, 115.039
Yxy	80.6826, 0.3621, 0.4420
Android (android.graphics.Color)	4292735625 (0xFFDDDF289)
YUV	223.7510, -42.7682, -2.4126
Hunter-Lab	89.8235, -25.8624, 39.2742

Details

The YUV color $223.7510, -42.7682, -2.4126$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $155.2490, 42.7682, 2.4126$, and the grayscale version is $224.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $247.8180, -27.5183, 6.2986$, and $167.7940, -41.3104, -3.3273$ is the 20% darker color. If you saturate the color by 10%, you get $219.5200, -52.5144, -3.0870$, and if you desaturate by 10%, it is $227.9820, -33.0221, -1.7382$.

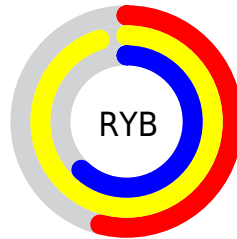
Distribution



Red (87%)

Green (95%)

Blue (54%)



Red (54%)

Yellow (95%)

Blue (62%)

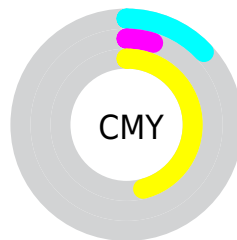


Cyan (9%)

Magenta (0%)

Yellow (43%)

Black (5%)



Cyan (13%)

Magenta (5%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 223.7510, -42.7682, -2.4126 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 223.7510, -42.7682, -2.4126 by changing the saturation by 10% instead.

■ 223.7510,
-42.7682, -2.4126

■ 223.7510,
-42.7682, -2.4126

■ 255.0000, 0.0000,
0.0000

■ 195.5660,
-42.1840, -3.1274

■ 247.8180,
-27.5183, 6.2986

■ 167.7940,
-41.3104, -3.3273

■ 251.0100,
-15.2879, 3.4992

■ 141.0220,
-40.4368, -3.5273

■ 254.3160, -2.6208,
0.5999

■ 114.6090,
-40.7262, -4.0421

■ 87.9250, -43.3470,
-3.4422

■ 66.3620, -32.7165,
-6.4565

■ 45.0870, -22.2279,

-10.6003

■ 23.8010, -11.7339,
-16.4885

■ 7.6310, -3.7621,
-6.6924

■ 223.7510,
-42.7682, -2.4126

■ 223.7510,
-42.7682, -2.4126

■ 219.5200,
-52.5144, -3.0870

■ 227.9820,
-33.0221, -1.7382

■ 215.2890,
-62.2605, -3.7615

■ 232.2130,
-23.2760, -1.0638

■ 210.9440,
-72.4434, -4.3359

■ 236.5580,
-13.0931, -0.4894

■ 207.0120,
-82.3369, -4.3955

■ 240.4900, -3.1996,
-0.4297

■ 202.7810,
-92.0830, -5.0699

■ 244.3790, 5.2362,
0.5446

■ 200.0600,
-98.6296, -5.3146

■ 245.8740, 4.4991,
3.6185

■ 247.3690, 3.7621,
6.6924

Harmonies

Analogous

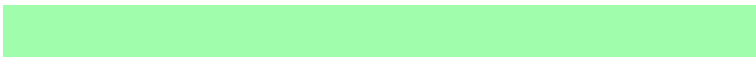
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



223.6130, -46.6442, 27.5264



223.7510, -42.7682, -2.4126



215.9590, -21.6718, -49.0760

Triad

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



223.7510, -42.7682, -2.4126



176.9940, 38.4570, -155.2237



216.6510, 12.9901, 33.6321

Complementary

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



223.7510, -42.7682, -2.4126



155.2490, 42.7682, 2.4126

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.



224.4760, 15.0483, 26.7695



223.7510, -42.7682, -2.4126



210.3150, 22.0297, -66.0513

Square

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



223.7510, -42.7682, -2.4126



178.7550, 37.5888, -156.7681



226.6590, 13.9721, -1.4549



211.8970, -10.3022, 37.8013

Rectangle

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



223.7510, -42.7682, -2.4126



206.4290, -1.1975, -82.8142



226.6590, 13.9721, -1.4549



219.1930, 17.6529, 31.4027

Sweetspot

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



223.7510, -42.7682, -2.4126



249.1450, -13.3825, -1.0042



180.7220, -21.5549, 53.7408



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.



223.7510, -42.7682, -2.4126



231.7650, -54.1141, -3.3019



208.5020, -35.2505, -33.7663



117.7350, -4.7994, -0.6446



151.9610, -74.9168, -4.3508



46.3270, -22.8392, -1.1638

Inverse Universe

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



155.2490, 42.7682, 2.4126



145.2350, 54.1141, 3.3019



171.0960, 34.9557, 34.9958



109.9660, 4.9468, 0.0298



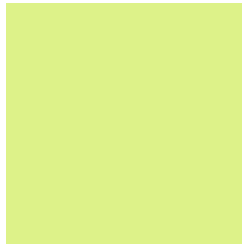
32.0390, 74.9168, 4.3508



9.6730, 22.8392, 1.1638

Previews

White Background



This preview shows how the YUV color 223.7510, -42.7682, -2.4126 looks on a white background.

Color Contrast Check

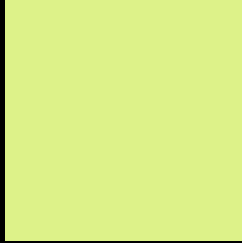
Large Text (above 18pt) WCAG AA × Fail

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 223.7510, -42.7682, -2.4126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

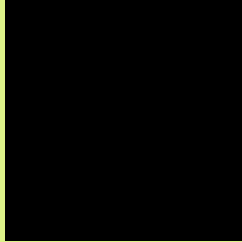
Any Text WCAG AA ✓ Pass

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 223.7510, -42.7682, -2.4126 Background



This preview shows how black text looks on a background with the YUV color 223.7510, -42.7682, -2.4126.



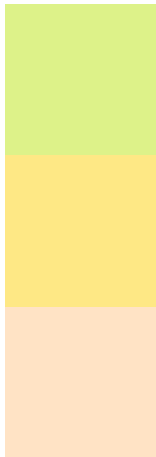
This preview shows how white text looks on a background with the YUV color 223.7510, -42.7682, -2.4126.

-2.4126.

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

223.7510, -42.7682, -2.4126

Protanopia

227.2920, -46.4860, 23.4229

Deuteranopia

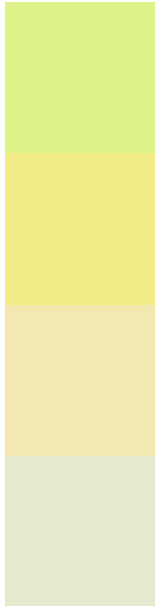
231.9520, -17.2313, 20.2131



Tritanopia

232.5470, 7.1253, 1.2743

Trichromacy



Original Color

223.7510, -42.7682, -2.4126

Protanomaly

226.1660, -45.4378, 13.8864

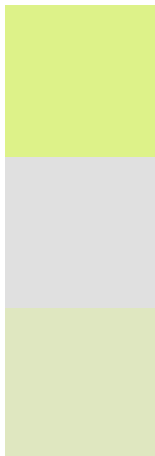
Deuteranomaly

228.7910, -26.5190, 12.4613

Tritanomaly

229.4270, -11.0565, -0.3745

Monochromacy



Original Color

223.7510, -42.7682, -2.4126

Achromatopsia

224.0000, 0.0000, 0.0000

Achromatomaly

224.1620, -15.8559, -1.0191

CSS Examples

Text

The CSS property to change the color of the text to YUV 223.7510, -42.7682, -2.4126 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(221, 242, 137)` looks like.

```
.text, #text, p{  
    color:rgb(221, 242, 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(221, 242, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 242, 137) }
```

Border

The CSS property to change the border of an element to YUV 223.7510, -42.7682, -2.4126 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(221, 242, 137) }
```


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

```
.border{ border-color:rgb(221, 242, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 242, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 242, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 242, 137); box-shadow:4px 4px 4px 4px rgb(221, 242, 137) }
```

Background

The CSS property to change the background color of an element to YUV 223.7510, -42.7682, -2.4126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 242, 137) }
```

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

```
.background{ background-color: rgb(221,  
242, 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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