

Converting Colors

YUV(204.7510, -42.7682,
-2.4126)

Have a look what the booklet for
YUV(204.7510, -42.7682, -2.4126)
contains.

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Color

**YUV(204.7510, -42.7682,
-2.4126)**

Conversions

Conversions Part 1

Format	Color
Hex	CADF76
RGB	202, 223, 118
RGB Percent	79%, 87%, 46%
CMY	0.2078, 0.1255, 0.5373
CMYK	0.09, 0.00, 0.47, 0.13
HSL	72°, 62%, 67%
HSV	72°, 47%, 87%
XYZ	54.0148, 66.6399, 27.1554
YIQ	204.7510, 21.1890, -37.1070

Conversions

Conversions Part 2

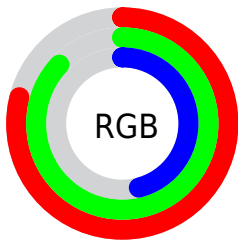
Format	Color
RYB	118, 223, 139
Decimal	13295478
CIELab	85.32, -22.58, 48.80
CIELCh	85, 53.771, 114.828
Yxy	66.6399, 0.3654, 0.4508
Android (android.graphics.Color)	4291485558 (0xFFCADF76)
YUV	204.7510, -42.7682, -2.4126
Hunter-Lab	81.6333, -24.7490, 37.4204

Details

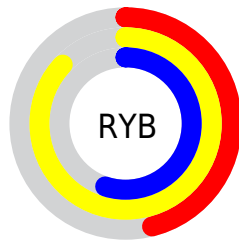
The YUV color $204.7510, -42.7682, -2.4126$ is a light color, and the websafe version is hex $CCCC66$. A complement of this color would be $136.2490, 42.7682, 2.4126$, and the grayscale version is $205.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $245.5380, -36.2542, 8.2982$, and $149.7940, -41.3104, -3.3273$ is the 20% darker color. If you saturate the color by 10%, you get $201.0470, -51.7882, -2.6722$, and if you desaturate by 10%, it is $208.4550, -33.7483, -2.1530$.

Distribution



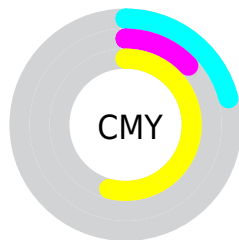
- Red (79%)
- Green (87%)
- Blue (46%)



- Red (46%)
- Yellow (87%)
- Blue (55%)



- Cyan (9%)
- Magenta (0%)
- Yellow (47%)
- Black (13%)



- Cyan (21%)
- Magenta (13%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 204.7510, -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 204.7510, -42.7682, -2.4126 by changing the saturation by 10% instead.

■ 204.7510,
-42.7682, -2.4126

■ 204.7510,
-42.7682, -2.4126

255.0000, 0.0000,
0.0000

■ 176.9790,
-41.8946, -2.6126

■ 245.5380,
-36.2542, 8.2982

■ 149.7940,
-41.3104, -3.3273

■ 248.7300,
-24.0239, 5.4988

■ 122.9080,
-40.8736, -3.4273

■ 252.0360,
-11.3567, 2.5994

■ 96.8110, -43.7838,
-3.3422

■ 73.4500, -36.2108,
-5.6566

■ 52.4740, -25.8697,
-9.1857

■ 30.9000, -15.2337,

-13.9443

■ 15.8490, -7.8136,
-13.8996

■ 0.0000, 0.0000,
0.0000

■ 204.7510,
-42.7682, -2.4126

■ 204.7510,
-42.7682, -2.4126

■ 201.0470,
-51.7882, -2.6722

■ 208.4550,
-33.7483, -2.1530

■ 196.9300,
-61.0975, -3.4466

■ 212.5720,
-24.4390, -1.3786

■ 193.2260,
-70.1174, -3.7062

■ 216.2760,
-15.4191, -1.1191

■ 189.2230,
-78.9899, -4.5806

■ 220.2790, -6.5465,
-0.2447

■ 185.4050,
-88.4467, -4.7402

■ 224.0970, 2.9102,
-0.0851

■ 184.1230,
-90.7726, -5.3699

■ 228.1000, 11.7827,
0.7893

■ 229.6380, 12.5035,
2.9485

■ 231.1330, 11.7664,
6.0224

■ 232.3290, 11.1768,
8.4815

Harmonies

Analogous

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



209.3970, -49.0027, 37.3628



204.7510, -42.7682, -2.4126



196.9590, -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.



204.7510, -42.7682, -2.4126



165.8410, 43.9554, -145.4426



202.7450, 10.4787, 45.8276

Complementary

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



204.7510, -42.7682, -2.4126



136.2490, 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.



213.3230, 20.5468, 36.5507



204.7510, -42.7682, -2.4126



191.3880, 31.3607, -72.2543

Square

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



204.7510, -42.7682, -2.4126



169.2490, 41.7822, -148.4314



209.2270, 22.5661, -4.5841



198.6920, -12.6662, 49.3821

Rectangle

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



204.7510, -42.7682, -2.4126



187.4070, -1.1867, -86.3029



209.2270, 22.5661, -4.5841



206.4440, 17.0361, 42.5836

Sweetspot

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



204.7510, -42.7682, -2.4126



248.8030, -14.6929, -0.7042



161.7220, -21.5549, 53.7408



123.9970, -8.8725, -0.8744



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.



204.7510, -42.7682, -2.4126



229.7990, -59.0609, -3.3317



189.2030, -35.1031, -34.3810



110.1480, -4.5100, -0.1298



145.4710, -71.7172, -3.9211



39.8370, -19.6396, -0.7340

Inverse Universe

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



136.2490, 42.7682, 2.4126



135.2010, 59.0609, 3.3317



152.0960, 34.9557, 34.9958



102.8520, 4.5100, 0.1298



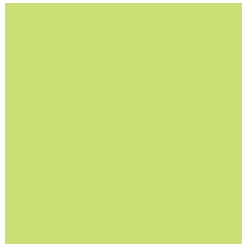
30.5290, 71.7172, 3.9211



8.4620, 19.4922, 1.3488

Previews

White Background



This preview shows how the YUV color 204.7510, -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 204.7510, -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 204.7510, -42.7682, -2.4126

Background



This preview shows how black text looks on a background with the YUV color 204.7510, -42.7682, -2.4126.



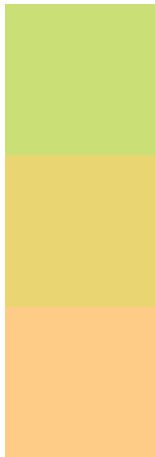
This preview shows how white text looks on a background with the YUV color 204.7510, -42.7682, -2.4126.

-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

204.7510, -42.7682, -2.4126

Protanopia

208.1070, -45.9018, 22.7082

Deuteranopia

211.3830, -37.6568, 38.2521



Tritanopia

214.0200, 6.3991, 0.8595

Trichromacy



Original Color

204.7510, -42.7682, -2.4126

Protanomaly

206.9810, -44.8536, 13.1717

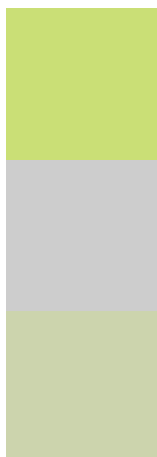
Deuteranomaly

209.1270, -39.5026, 23.5676

Tritanomaly

210.3130, -11.4933, -0.2745

Monochromacy



Original Color

204.7510, -42.7682, -2.4126

Achromatopsia

205.0000, 0.0000, 0.0000

Achromatomaly

205.1620, -15.8559, -1.0191

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.7510, -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(202, 223, 118)` looks like.

```
.text, #text, p{  
    color:rgb(202, 223, 118)  
}
```

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(202, 223, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 223, 118) }
```

Border

The CSS property to change the border of an element to YUV 204.7510, -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(202, 223, 118) }
```


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

```
.border{ border-color:rgb(202, 223, 118) }
```

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

Here you see how a box with a 4 pixel rgb(202, 223, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 223, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 223, 118);  
box-shadow:4px 4px 4px 4px rgb(202, 223,  
118) }
```

Background

The CSS property to change the background color of an element to YUV 204.7510, -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(202, 223, 118) }
```

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

```
.background{ background-color: rgb(202,  
223, 118) }
```

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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