

Converting Colors

YUV(213.8540, -42.3260,
-4.2570)

Have a look what the booklet for
YUV(213.8540, -42.3260, -4.2570)
contains.

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Color

**YUV(213.8540, -42.3260,
-4.2570)**

Conversions

Conversions Part 1

Format	Color
Hex	D1E980
RGB	209, 233, 128
RGB Percent	82%, 91%, 50%
CMY	0.1804, 0.0863, 0.4980
CMYK	0.10, 0.00, 0.45, 0.09
HSL	74°, 70%, 71%
HSV	74°, 45%, 91%
XYZ	59.3297, 73.3916, 31.4611
YIQ	213.8540, 19.4010, -37.7430

Conversions

Conversions Part 2

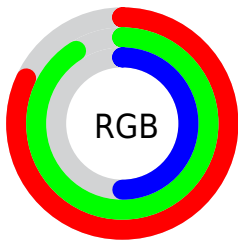
Format	Color
RYB	128, 233, 152
Decimal	13756800
CIELab	88.63, -23.69, 48.18
CIELCh	89, 53.693, 116.186
Yxy	73.3916, 0.3614, 0.4470
Android (android.graphics.Color)	4291946880 (0xFFD1E980)
YUV	213.8540, -42.3260, -4.2570
Hunter-Lab	85.6689, -26.3011, 38.1946

Details

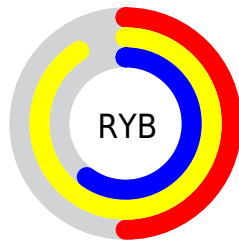
The YUV color **213.8540, -42.3260, -4.2570** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **147.1460, 42.3260, 4.2570**, and the grayscale version is **214.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **246.7920, -31.4495, 7.1984**, and **158.3100, -40.5788, -4.6569** is the 20% darker color. If you saturate the color by 10%, you get **209.7370, -51.6353, -5.0313**, and if you desaturate by 10%, it is **217.9710, -33.0167, -3.4826**.

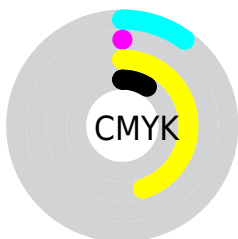
Distribution



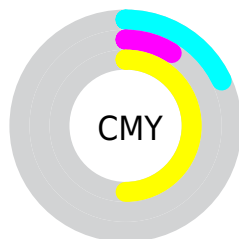
- Red (82%)
- Green (91%)
- Blue (50%)



- Red (50%)
- Yellow (91%)
- Blue (60%)



- Cyan (10%)
- Magenta (0%)
- Yellow (45%)
- Black (9%)



- Cyan (18%)
- Magenta (9%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.8540, -42.3260, -4.2570 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 213.8540, -42.3260, -4.2570 by changing the saturation by 10% instead.

■ 213.8540,
-42.3260, -4.2570

■ 213.8540,
-42.3260, -4.2570

255.0000, 0.0000,
0.0000

■ 186.0820,
-41.4524, -4.4569

■ 246.7920,
-31.4495, 7.1984

■ 158.3100,
-40.5788, -4.6569

■ 249.9840,
-19.2191, 4.3990

■ 132.0110,
-40.4314, -5.2716

■ 253.2900, -6.5520,
1.4997

■ 105.4840,
-41.1576, -5.6865

■ 80.5270, -39.6998,
-6.6012

■ 59.2630, -29.2167,
-9.0007

■ 37.6890, -18.5807,

-13.7593

■ 18.7840, -9.2605,
-16.4736

■ 0.0000, 0.0000,
0.0000

■ 213.8540,
-42.3260, -4.2570

■ 213.8540,
-42.3260, -4.2570

■ 209.7370,
-51.6353, -5.0313

■ 217.9710,
-33.0167, -3.4826

■ 205.2070,
-61.2341, -6.3205

■ 222.5010,
-23.4180, -2.1934

■ 201.0900,
-70.5434, -7.0949

■ 226.6180,
-14.1087, -1.4190

■ 196.9730,
-79.8527, -7.8693

■ 230.7350, -4.7994,
-0.6446

■ 192.5570,
-89.0146, -9.2585

■ 235.1510, 4.3626,
0.7446

■ 190.5910,
-93.9614, -9.2883

■ 237.9000, 8.4303,
2.7187

■ 239.3950, 7.6933,
5.7926

■ 241.1890, 6.8088,
9.4812

■ 242.0860, 6.3666,
11.3256

Harmonies

Analogous

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



217.1900, -48.4077, 33.1594



213.8540, -42.3260, -4.2570



206.1760, -20.7928, -51.0204

Triad

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



213.8540, -42.3260, -4.2570



171.1240, 41.3509, -150.0757



209.4130, 10.6424, 39.9798

Complementary

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



213.8540, -42.3260, -4.2570



147.1460, 42.3260, 4.2570

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.



218.6060, 17.9422, 31.9175



213.8540, -42.3260, -4.2570



201.7540, 26.2503, -66.4363

Square

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



213.8540, -42.3260, -4.2570



175.2330, 39.3251, -153.6793



218.3970, 18.0453, -1.2252



204.7730, -12.2131, 44.0491

Rectangle

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



213.8540, -42.3260, -4.2570



196.6240, -0.3076, -88.2472



218.3970, 18.0453, -1.2252



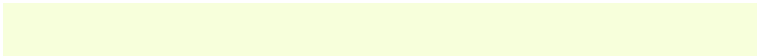
212.5250, 17.4892, 37.2506

Sweetspot

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



213.8540, -42.3260, -4.2570



248.5040, -14.5455, -1.3190



172.8960, -22.1337, 52.7112



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.



213.8540, -42.3260, -4.2570



229.9990, -55.7085, -5.2611



198.6050, -34.8083, -35.6106



115.1480, -4.5100, -0.1298



148.1070, -73.0168, -7.1098



43.9570, -21.6708, -2.5933

Inverse Universe

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



147.1460, 42.3260, 4.2570



142.3000, 55.5611, 5.8759



162.3950, 34.8083, 35.6106



107.8520, 4.5100, 0.1298



32.8930, 73.0168, 7.1098



9.7440, 21.8182, 1.9785

Previews

White Background



This preview shows how the YUV color 213.8540, -42.3260, -4.2570 looks on a white background.

Color Contrast Check

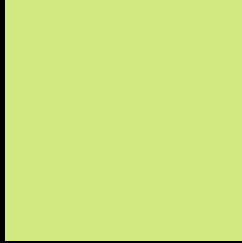
Large Text (above 18pt) WCAG AA × Fail

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 213.8540, -42.3260, -4.2570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

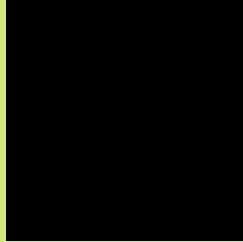
Any Text WCAG AA ✓ Pass

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 213.8540, -42.3260, -4.2570 Background



This preview shows how black text looks on a background with the YUV color 213.8540, -42.3260, -4.2570.



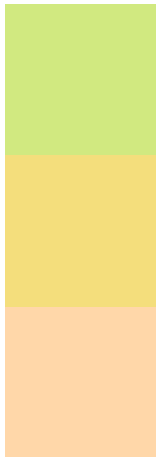
This preview shows how white text looks on a background with the YUV color 213.8540, -42.3260, -4.2570.

-4.2570.

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

213.8540, -42.3260, -4.2570

Protanopia

217.4060, -46.0492, 23.3229

Deuteranopia

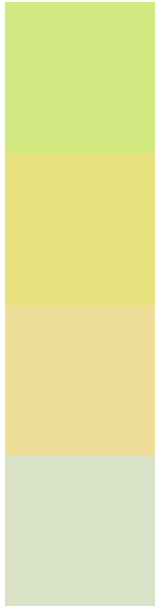
221.7160, -25.9890, 29.1901



Tritanopia

222.6500, 7.5676, -0.5700

Trichromacy



Original Color

213.8540, -42.3260, -4.2570

Protanomaly

215.9810, -44.8536, 13.1717

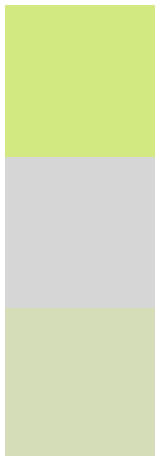
Deuteranomaly

219.0320, -32.0608, 16.6349

Tritanomaly

219.5300, -10.6143, -2.2188

Monochromacy



Original Color

213.8540, -42.3260, -4.2570

Achromatopsia

214.0000, 0.0000, 0.0000

Achromatomaly

213.9770, -15.2717, -1.7338

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.8540, -42.3260, -4.2570 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(209, 233, 128)` looks like.

```
.text, #text, p{  
    color:rgb(209, 233, 128)  
}
```

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(209, 233, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 233, 128) }
```

Border

The CSS property to change the border of an element to YUV 213.8540, -42.3260, -4.2570 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(209, 233, 128) }
```


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

```
.border{ border-color:rgb(209, 233, 128) }
```

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

Here you see how a box with a 4 pixel rgb(209, 233, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 233, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 233, 128);  
box-shadow:4px 4px 4px 4px rgb(209, 233,  
128) }
```

Background

The CSS property to change the background color of an element to YUV 213.8540, -42.3260, -4.2570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 233, 128) }
```

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

```
.background{ background-color: rgb(209,  
233, 128) }
```

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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