

Converting Colors

YUV(214.5920, -38.2529,
-4.0272)

Have a look what the booklet for
YUV(214.5920, -38.2529, -4.0272)
contains.

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Color

**YUV(214.5920, -38.2529,
-4.0272)**

Conversions

Conversions Part 1

Format	Color
Hex	D2E889
RGB	210, 232, 137
RGB Percent	82%, 91%, 54%
CMY	0.1765, 0.0902, 0.4627
CMYK	0.09, 0.00, 0.41, 0.09
HSL	74°, 67%, 72%
HSV	74°, 41%, 91%
XYZ	59.9503, 73.2210, 34.6403
YIQ	214.5920, 17.3830, -34.2090

Conversions

Conversions Part 2

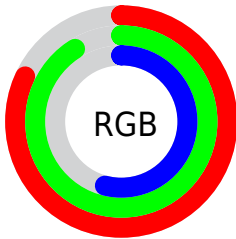
Format	Color
RYB	137, 232, 159
Decimal	13822089
CIELab	88.55, -21.86, 43.73
CIELCh	89, 48.890, 116.559
Yxy	73.2210, 0.3572, 0.4363
Android (android.graphics.Color)	4292012169 (0xFFD2E889)
YUV	214.5920, -38.2529, -4.0272
Hunter-Lab	85.5693, -24.6881, 35.8966

Details

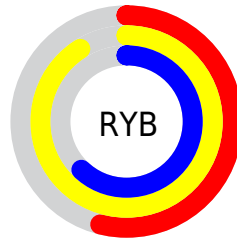
The YUV color **214.5920, -38.2529, -4.0272** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **154.4080, 38.2529, 4.0272**, and the grayscale version is **215.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **247.8180, -27.5183, 6.2986**, and **159.0480, -36.5057, -4.4271** is the 20% darker color. If you saturate the color by 10%, you get **210.4750, -47.5622, -4.8016**, and if you desaturate by 10%, it is **218.7090, -28.9435, -3.2528**.

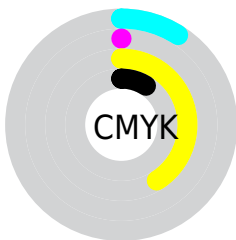
Distribution



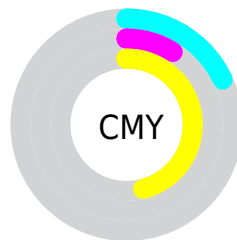
- Red (82%)
- Green (91%)
- Blue (54%)



- Red (54%)
- Yellow (91%)
- Blue (62%)



- Cyan (9%)
- Magenta (0%)
- Yellow (41%)
- Black (9%)



- Cyan (18%)
- Magenta (9%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 214.5920, -38.2529, -4.0272 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 214.5920, -38.2529, -4.0272 by changing the saturation by 10% instead.

■ 214.5920,
-38.2529, -4.0272

■ 214.5920,
-38.2529, -4.0272

■ 255.0000, 0.0000,
0.0000

■ 186.8200,
-37.3793, -4.2271

■ 247.8180,
-27.5183, 6.2986

■ 159.0480,
-36.5057, -4.4271

■ 251.0100,
-15.2879, 3.4992

■ 132.8630,
-35.9215, -5.1419

■ 254.3160, -2.6208,
0.5999

■ 106.8630,
-35.9215, -5.1419

■ 80.9940, -37.9580,
-5.2567

■ 58.9750, -29.0747,
-7.8711

■ 37.9990, -18.7335,

-11.4001

■ 18.7840, -9.2605,
-16.4736

■ 0.0000, 0.0000,
0.0000

■ 214.5920,
-38.2529, -4.0272

■ 214.5920,
-38.2529, -4.0272

■ 210.4750,
-47.5622, -4.8016

■ 218.7090,
-28.9435, -3.2528

■ 206.0590,
-56.7241, -6.1907

■ 223.1250,
-19.7816, -1.8636

■ 201.8280,
-66.4702, -6.8652

■ 227.3560,
-10.0355, -1.1892

■ 197.7110,
-75.7795, -7.6395

■ 231.4730, -0.7262,
-0.4148

■ 193.2950,
-84.9414, -9.0287

■ 235.8890, 8.4357,
0.9743

■ 189.4060,
-93.3772, -10.0031

■ 237.6120, 8.5723,
3.8483

■ 239.4060, 7.6878,
7.5369

■ 240.9010, 6.9508,
10.6108

■ 241.4990, 6.6560,
11.8404

Harmonies

Analogous

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



218.8030, -44.7659, 31.7448



214.5920, -38.2529, -4.0272



207.6650, -19.0618, -46.1872

Triad

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



214.5920, -38.2529, -4.0272



180.1160, 36.9178, -128.1437



211.6470, 9.0480, 38.0206

Complementary

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



214.5920, -38.2529, -4.0272



154.4080, 38.2529, 4.0272

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.



220.3670, 17.0741, 30.3731



214.5920, -38.2529, -4.0272



205.9510, 24.1812, -56.0850

Square

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



214.5920, -38.2529, -4.0272



173.4720, 40.1933, -152.1349



218.9950, 17.7505, 0.0044



207.4630, -12.0603, 41.6899

Rectangle

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



214.5920, -38.2529, -4.0272



200.5760, -0.7770, -77.6812



218.9950, 17.7505, 0.0044



214.5310, 15.0212, 35.4913

Sweetspot

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



214.5920, -38.2529, -4.0272



249.3730, -12.5089, -1.2041



177.7320, -20.0809, 47.5930



124.4530, -7.1253, -1.2743



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.



214.5920, -38.2529, -4.0272



232.0790, -50.3249, -5.3313



200.8380, -31.4721, -32.3069



112.7350, -4.7994, -0.6446



146.0360, -71.9957, -7.9246



41.5980, -20.5078, -2.2784

Inverse Universe

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



154.4080, 38.2529, 4.0272



152.9210, 50.3249, 5.3313



168.1620, 31.4721, 32.3069



105.2650, 4.7994, 0.6446



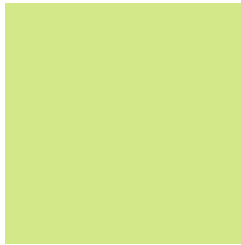
32.6650, 72.1432, 7.3098



9.4020, 20.5078, 2.2784

Previews

White Background



This preview shows how the YUV color 214.5920, -38.2529, -4.0272 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 214.5920, -38.2529, -4.0272 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 214.5920, -38.2529, -4.0272

Background



This preview shows how black text looks on a background with the YUV color 214.5920, -38.2529, -4.0272.



This preview shows how white text looks on a background with the YUV color 214.5920, -38.2529, -4.0272.

-4.0272.

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

214.5920, -38.2529, -4.0272

Protanopia

218.1330, -41.9706, 21.8084

Deuteranopia

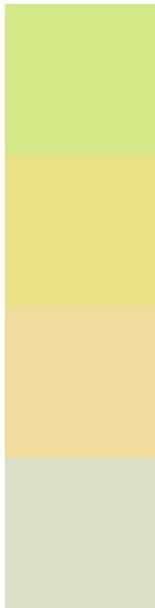
221.8300, -25.5522, 29.0901



Tritanopia

222.9490, 7.4201, 0.0447

Trichromacy



Original Color

214.5920, -38.2529, -4.0272

Protanomaly

217.0070, -40.9225, 12.2719

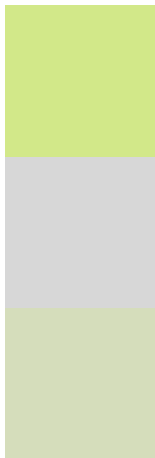
Deuteranomaly

219.2000, -30.1716, 17.3646

Tritanomaly

219.5840, -9.1619, -1.3892

Monochromacy



Original Color

214.5920, -38.2529, -4.0272

Achromatopsia

215.0000, 0.0000, 0.0000

Achromatomaly

214.7320, -13.6719, -1.5190

CSS Examples

Text

The CSS property to change the color of the text to YUV 214.5920, -38.2529, -4.0272 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(210, 232, 137)` looks like.

```
.text, #text, p{  
    color:rgb(210, 232, 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(210, 232, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 232, 137) }
```

Border

The CSS property to change the border of an element to YUV 214.5920, -38.2529, -4.0272 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(210, 232, 137) }
```


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

```
.border{ border-color:rgb(210, 232, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 232, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 232, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 232, 137);  
box-shadow:4px 4px 4px 4px rgb(210, 232,  
137) }
```

Background

The CSS property to change the background color of an element to YUV 214.5920, -38.2529, -4.0272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 232, 137) }
```

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

```
.background{ background-color: rgb(210,  
232, 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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