

Converting Colors

YUV(214.5110, -38.7059,
1.3059)

Have a look what the booklet for
YUV(214.5110, -38.7059, 1.3059)
contains.

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Color

**YUV(214.5110, -38.7059,
1.3059)**

Conversions

Conversions Part 1

Format	Color
Hex	D8E588
RGB	216, 229, 136
RGB Percent	85%, 90%, 53%
CMY	0.1529, 0.1020, 0.4667
CMYK	0.06, 0.00, 0.41, 0.10
HSL	68°, 64%, 72%
HSV	68°, 41%, 90%
XYZ	60.7821, 72.4151, 34.0665
YIQ	214.5110, 22.1050, -31.6790

Conversions

Conversions Part 2

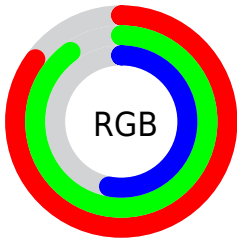
Format	Color
R_{YB}	136, 229, 149
Decimal	14214536
CIE _{Lab}	88.17, -18.23, 43.83
CIE _{LCh}	88, 47.464, 112.582
Yxy	72.4151, 0.3634, 0.4329
Android (android.graphics.Color)	4292404616 (0xFFD8E588)
YUV	214.5110, -38.7059, 1.3059
Hunter-Lab	85.0971, -21.4230, 35.8327

Details

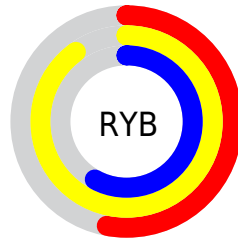
The YUV color $214.5110, -38.7059, 1.3059$ is a light color, and the websafe version is hex $CCCC66$. A complement of this color would be $150.4890, 38.7059, -1.3059$, and the grayscale version is $215.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $247.7040, -27.9551, 6.3986$, and $159.5540, -37.2481, 0.3911$ is the 20% darker color. If you saturate the color by 10%, you get $210.9920, -48.3101, 1.7610$, and if you desaturate by 10%, it is $218.0300, -29.1018, 0.8507$.

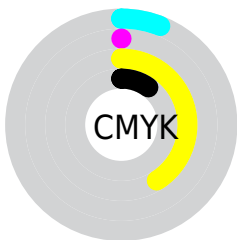
Distribution



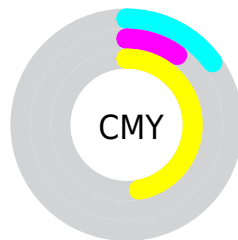
- Red (85%)
- Green (90%)
- Blue (53%)



- Red (53%)
- Yellow (90%)
- Blue (58%)



- Cyan (6%)
- Magenta (0%)
- Yellow (41%)
- Black (10%)



- Cyan (15%)
- Magenta (10%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 214.5110, -38.7059, 1.3059 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 214.5110, -38.7059, 1.3059 by changing the saturation by 10% instead.

■ 214.5110,
-38.7059, 1.3059

■ 214.5110,
-38.7059, 1.3059

255.0000, 0.0000,
0.0000

■ 186.7390,
-37.8323, 1.1059

■ 247.7040,
-27.9551, 6.3986

■ 159.5540,
-37.2481, 0.3911

■ 250.8960,
-15.7247, 3.5992

■ 132.7820,
-36.3745, 0.1912

■ 254.2020, -3.0576,
0.6998


■ 106.5970,
-35.7903, -0.5236


■ 80.6140, -38.2637,
-0.5385


■ 59.5950, -29.3803,
-3.1528


■ 38.6190, -19.0392,


-6.6819


 17.6100, -8.6817,
-15.4440

 0.0000, 0.0000,
0.0000


 214.5110,
-38.7059, 1.3059


 214.5110,
-38.7059, 1.3059

 210.9920,
-48.3101, 1.7610


 218.0300,
-29.1018, 0.8507


 207.4730,
-57.9142, 2.2162

 221.5490,
-19.4977, 0.3955

 203.6550,
-67.3709, 2.0566

 225.3670,
-10.0409, 0.5551

 200.1360,
-76.9750, 2.5117

 228.8860, -0.4368,
0.1000

■ 196.6170,
-86.5792, 2.9669

■ 232.4050, 9.1673,
-0.3552

■ 193.3260,
-95.3097, 3.2221

■ 233.7580, 10.4723,
1.0892

■ 234.6550, 10.0301,
2.9336

■ 235.8510, 9.4405,
5.3927

■ 236.7480, 8.9982,
7.2370

Harmonies

Analogous

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



217.3840, -42.5873, 32.9892



214.5110, -38.7059, 1.3059



208.1390, -21.2675, -38.7099

Triad

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



214.5110, -38.7059, 1.3059



181.0130, 36.4756, -126.2994



212.6900, 10.5058, 37.1059

Complementary

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



214.5110, -38.7059, 1.3059



150.4890, 38.7059, -1.3059

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.



220.9540, 16.7847, 29.8583



214.5110, -38.7059, 1.3059



203.5590, 25.3604, -61.0032

Square

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



214.5110, -38.7059, 1.3059



173.3690, 39.7511, -150.2906



217.4780, 18.4983, -6.5582



208.1470, -9.4395, 41.0901

Rectangle

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



214.5110, -38.7059, 1.3059



201.7190, -4.2985, -68.1596



217.4780, 18.4983, -6.5582



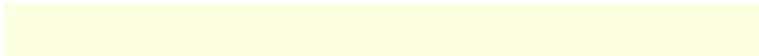
215.5740, 16.4790, 34.5766

Sweetspot

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



214.5110, -38.7059, 1.3059



250.2700, -12.9511, 0.6402



170.8510, -17.1815, 50.9967



125.0510, -7.4201, -0.0447



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.



214.5110, -38.7059, 1.3059



235.6670, -52.0938, 2.0460



200.7570, -31.9252, -26.9739



113.0340, -4.9468, -0.0298



151.1190, -74.5017, 2.5266



43.0930, -21.2448, 0.7954

Inverse Universe

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



150.4890, 38.7059, -1.3059



149.6320, 51.9464, -1.4313



164.2430, 31.9252, 26.9739



104.9660, 4.9468, 0.0298



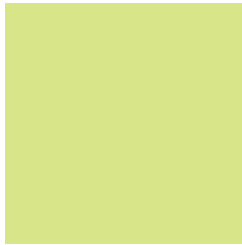
27.8810, 74.5017, -2.5266



7.9070, 21.2448, -0.7954

Previews

White Background



This preview shows how the YUV color 214.5110, -38.7059, 1.3059 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 214.5110, -38.7059, 1.3059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

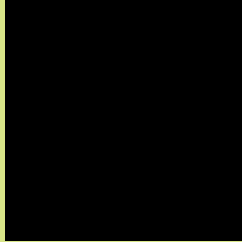
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 214.5110, -38.7059, 1.3059

Background



This preview shows how black text looks on a background with the YUV color 214.5110, -38.7059, 1.3059.



This preview shows how white text looks on a background with the YUV color 214.5110, -38.7059, 1.3059.

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

214.5110, -38.7059, 1.3059

Protanopia

217.2470, -41.5338, 21.7084

Deuteranopia

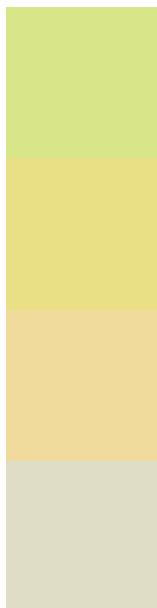
220.9010, -26.5732, 29.9048



Tritanopia

222.2270, 5.8041, 5.0629

Trichromacy



Original Color

214.5110, -38.7059, 1.3059

Protanomaly

216.4310, -40.6385, 14.5310

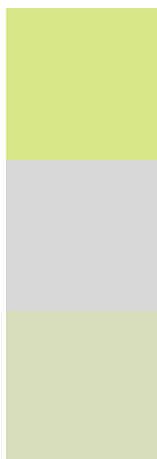
Deuteranomaly

218.3960, -30.7612, 19.8237

Tritanomaly

219.2750, -10.4886, 4.1438

Monochromacy



Original Color

214.5110, -38.7059, 1.3059

Achromatopsia

215.0000, 0.0000, 0.0000

Achromatomaly

214.6290, -14.1141, 0.3254

CSS Examples

Text

The CSS property to change the color of the text to YUV 214.5110, -38.7059, 1.3059 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(216, 229, 136)` looks like.

```
.text, #text, p{  
    color:rgb(216, 229, 136)  
}
```

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(216, 229, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 229, 136) }
```

Border

The CSS property to change the border of an element to YUV 214.5110, -38.7059, 1.3059 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(216, 229, 136) }
```


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

```
.border{ border-color:rgb(216, 229, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 229, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 229, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 229, 136);  
box-shadow:4px 4px 4px 4px rgb(216, 229,  
136) }
```

Background

The CSS property to change the background color of an element to YUV 214.5110, -38.7059, 1.3059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 229, 136) }
```

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

```
.background{ background-color: rgb(216,  
229, 136) }
```

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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