

Converting Colors

YUV(215.5670, -43.6635,
4.7647)

Have a look what the booklet for
YUV(215.5670, -43.6635, 4.7647)
contains.

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Color

**YUV(215.5670, -43.6635,
4.7647)**

Conversions

Conversions Part 1

Format	Color
Hex	DDE67F
RGB	221, 230, 127
RGB Percent	87%, 90%, 50%
CMY	0.1333, 0.0980, 0.5020
CMYK	0.04, 0.00, 0.45, 0.10
HSL	65°, 67%, 70%
HSV	65°, 45%, 90%
XYZ	61.9464, 73.4981, 31.0003
YIQ	215.5670, 27.6990, -33.9410

Conversions

Conversions Part 2

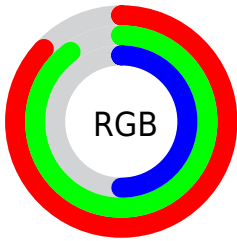
Format	Color
RYB	127, 230, 136
Decimal	14542463
CIELab	88.68, -17.72, 48.92
CIELCh	89, 52.029, 109.913
Yxy	73.4981, 0.3722, 0.4416
Android (android.graphics.Color)	4292732543 (0xFFDDE67F)
YUV	215.5670, -43.6635, 4.7647
Hunter-Lab	85.7310, -21.0512, 38.5725

Details

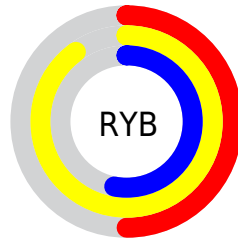
The YUV color $215.5670, -43.6635, 4.7647$ is a light color, and the websafe version is hex $CCCC66$. A complement of this color would be $141.4330, 43.6635, -4.7647$, and the grayscale version is $216.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $246.5640, -32.3231, 7.3984$, and $160.3110, -42.0583, 3.2353$ is the 20% darker color. If you saturate the color by 10%, you get $212.3470, -53.4151, 5.8347$, and if you desaturate by 10%, it is $218.7870, -33.9120, 3.6948$.

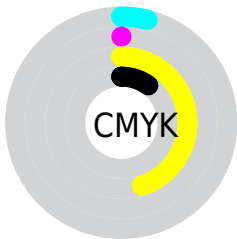
Distribution



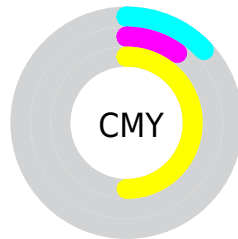
- Red (87%)
- Green (90%)
- Blue (50%)



- Red (50%)
- Yellow (90%)
- Blue (53%)



- Cyan (4%)
- Magenta (0%)
- Yellow (45%)
- Black (10%)



- Cyan (13%)
- Magenta (10%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 215.5670, -43.6635, 4.7647 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 215.5670, -43.6635, 4.7647 by changing the saturation by 10% instead.

■ 215.5670,
-43.6635, 4.7647

■ 215.5670,
-43.6635, 4.7647

■ 255.0000, 0.0000,
0.0000

■ 187.4960,
-42.6425, 3.9500

■ 246.5640,
-32.3231, 7.3984

■ 160.3110,
-42.0583, 3.2353

■ 249.8700,
-19.6559, 4.4990

■ 133.4250,
-41.6215, 3.1353

■ 253.0620, -7.4256,
1.6996

■ 106.8980,
-42.3477, 2.7205

■ 82.0550, -40.4531,
1.7058

■ 61.0790, -30.1119,
-1.8233

■ 39.8040, -19.6234,

-5.9671

■ 19.0940, -9.4133,
-14.1144

■ 0.0000, 0.0000,
0.0000

■ 215.5670,
-43.6635, 4.7647

■ 215.5670,
-43.6635, 4.7647

■ 212.3470,
-53.4151, 5.8347

■ 218.7870,
-33.9120, 3.6948

■ 209.1270,
-63.1666, 6.9046

■ 222.0070,
-24.1605, 2.6249

■ 205.9070,
-72.9182, 7.9746

■ 225.2270,
-14.4089, 1.5549

■ 202.6870,
-82.6697, 9.0445

■ 228.4470, -4.6574,
0.4850

■ 199.4670,
-92.4212, 10.1144

■ 231.6670, 5.0942,
-0.5850

■ 197.8000,
-97.5154, 10.6994

■ 233.7470, 10.4777,
-0.6551

■ 234.3450, 10.1829,
0.5744

■ 234.9430, 9.8881,
1.8040

■ 235.5410, 9.5933,
3.0335

Harmonies

Analogous

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



215.9990, -45.3555, 34.2039



215.5670, -43.6635, 4.7647



208.4010, -25.3407, -38.9397

Triad

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



215.5670, -43.6635, 4.7647



172.2980, 40.7721, -151.1053



212.4280, 14.5790, 37.3356

Complementary

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



215.5670, -43.6635, 4.7647



141.4330, 43.6635, -4.7647

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.



221.5410, 16.4953, 29.3435



215.5670, -43.6635, 4.7647



198.7310, 27.7406, -77.8171

Square

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



215.5670, -43.6635, 4.7647



174.6460, 39.6145, -153.1645



216.2600, 19.0988, -12.5060



206.0270, -7.4083, 42.9493

Rectangle

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



215.5670, -43.6635, 4.7647



201.3010, -7.0504, -72.1780



216.2600, 19.0988, -12.5060



215.6710, 19.3892, 34.4915

Sweetspot

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



215.5670, -43.6635, 4.7647



250.3410, -13.9721, 1.4549



163.0800, -17.7874, 58.6888



125.0080, -8.8779, 0.8700



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.



215.5670, -43.6635, 4.7647



235.6800, -58.5092, 6.4196



200.3180, -36.1458, -26.5889



113.3330, -5.0942, 0.5850



153.8100, -75.8283, 8.0596



43.9900, -21.6871, 2.6398

Inverse Universe

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



141.4330, 43.6635, -4.7647



136.3200, 58.5092, -6.4196



156.6820, 36.1458, 26.5889



104.6670, 5.0942, -0.5850



25.1900, 75.8283, -8.0596



7.0100, 21.6871, -2.6398

Previews

White Background



This preview shows how the YUV color 215.5670, -43.6635, 4.7647 looks on a white background.

Color Contrast Check

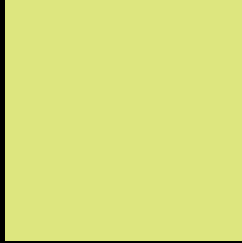
Large Text (above 18pt) WCAG AA × Fail

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 215.5670, -43.6635, 4.7647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

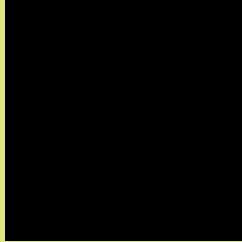
Any Text WCAG AA ✓ Pass

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 215.5670, -43.6635, 4.7647 Background



This preview shows how black text looks on a background with the YUV color 215.5670, -43.6635, 4.7647.

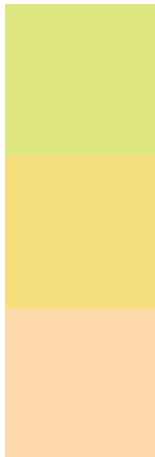


This preview shows how white text looks on a background with the YUV color 215.5670, -43.6635, 4.7647.

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

215.5670, -43.6635, 4.7647

Protanopia

217.9930, -46.3385, 22.8081

Deuteranopia

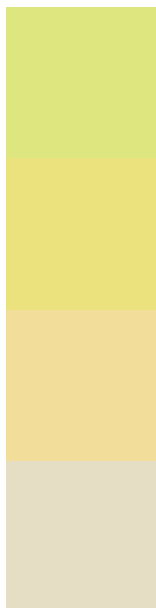
222.3030, -26.2784, 28.6753



Tritanopia

224.4230, 5.2145, 7.5220

Trichromacy



Original Color

215.5670, -43.6635, 4.7647

Protanomaly

217.4760, -45.5907, 16.2455

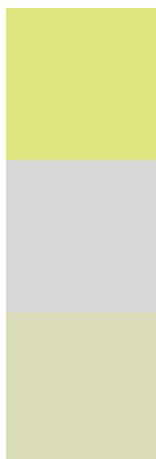
Deuteranomaly

219.9400, -32.5084, 20.2236

Tritanomaly

221.1290, -12.3886, 6.9029

Monochromacy



Original Color

215.5670, -43.6635, 4.7647

Achromatopsia

216.0000, 0.0000, 0.0000

Achromatomaly

215.8850, -15.7193, 1.8549

CSS Examples

Text

The CSS property to change the color of the text to YUV 215.5670, -43.6635, 4.7647 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, 230, 127)` looks like.

```
.text, #text, p{  
    color:rgb(221, 230, 127)  
}
```

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, 230, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 230, 127) }
```

Border

The CSS property to change the border of an element to YUV 215.5670, -43.6635, 4.7647 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, 230, 127) }
```


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

```
.border{ border-color:rgb(221, 230, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 230, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 230, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 230, 127);  
box-shadow:4px 4px 4px 4px rgb(221, 230,  
127) }
```

Background

The CSS property to change the background color of an element to YUV 215.5670, -43.6635, 4.7647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 230, 127) }
```

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

```
.background{ background-color: rgb(221,  
230, 127) }
```

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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