

Converting Colors

YUV(212.3660, -42.0854,
11.9570)

Have a look what the booklet for
YUV(212.3660, -42.0854, 11.9570)
contains.

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Color

**YUV(212.3660, -42.0854,
11.9570)**

Conversions

Conversions Part 1

Format	Color
Hex	E2DE7F
RGB	226, 222, 127
RGB Percent	89%, 87%, 50%
CMY	0.1137, 0.1294, 0.5020
CMYK	0.00, 0.02, 0.44, 0.11
HSL	58°, 63%, 69%
HSV	58°, 44%, 89%
XYZ	61.3161, 69.9436, 30.3474
YIQ	212.3660, 32.8790, -28.6970

Conversions

Conversions Part 2

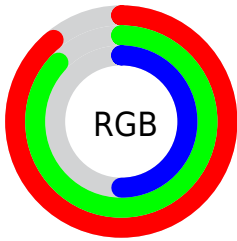
Format	Color
RYB	131, 226, 127
Decimal	14868095
CIELab	86.97, -11.80, 46.89
CIELCh	87, 48.353, 104.127
Yxy	69.9436, 0.3794, 0.4328
Android (android.graphics.Color)	4293058175 (0xFFE2DE7F)
YUV	212.3660, -42.0854, 11.9570
Hunter-Lab	83.6323, -15.4870, 37.0282

Details

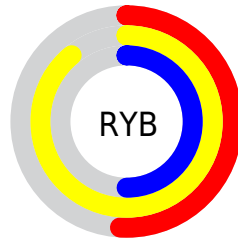
The YUV color $212.3660, -42.0854, 11.9570$ is a light color, and the websafe version is hex $CCCC66$. A complement of this color would be $140.6340, 42.0854, -11.9570$, and the grayscale version is $213.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $246.5640, -32.3231, 7.3984$, and $157.1100, -40.4802, 10.4275$ is the 20% darker color. If you saturate the color by 10%, you get $209.1570, -51.8424, 14.7713$, and if you desaturate by 10%, it is $215.5750, -32.3285, 9.1427$.

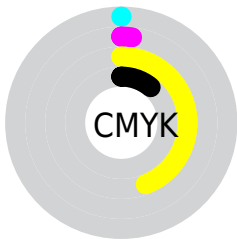
Distribution



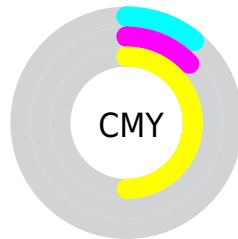
- Red (89%)
- Green (87%)
- Blue (50%)



- Red (51%)
- Yellow (89%)
- Blue (50%)



- Cyan (0%)
- Magenta (2%)
- Yellow (44%)
- Black (11%)



- Cyan (11%)
- Magenta (13%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.3660, -42.0854, 11.9570 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 212.3660, -42.0854, 11.9570 by changing the saturation by 10% instead.

■ 212.3660,
-42.0854, 11.9570

■ 212.3660,
-42.0854, 11.9570

■ 255.0000, 0.0000,
0.0000

■ 184.2950,
-41.0644, 11.1423

■ 246.5640,
-32.3231, 7.3984

■ 157.1100,
-40.4802, 10.4275

■ 249.7560,
-20.0927, 4.5990

■ 130.6260,
-39.7486, 9.0980

■ 253.0620, -7.4256,
1.6996

■ 104.2130,
-40.0380, 8.5832

■ 79.7290, -39.3064,
7.2537

■ 58.1660, -28.6758,
4.2394

■ 37.7770, -18.6241,

0.1956

■ 17.6540, -8.7034,
-8.4666

■ 0.0000, 0.0000,
0.0000

■ 212.3660,
-42.0854, 11.9570

■ 212.3660,
-42.0854, 11.9570

■ 209.1570,
-51.8424, 14.7713

■ 215.5750,
-32.3285, 9.1427

■ 206.0620,
-61.1626, 17.4856

■ 218.6700,
-23.0083, 6.4284

■ 202.8530,
-70.9195, 20.2999

■ 221.8790,
-13.2513, 3.6141

■ 199.7580,
-80.2397, 23.0142

■ 224.9740, -3.9312,
0.8998

■ 196.5490,
-89.9967, 25.8285

■ 228.1830, 5.8258,
-1.9145

■ 194.9530,
-96.1118, 27.2282

■ 229.8930, 12.3778,
-3.4142

■ 230.4800, 12.0884,
-3.9290

■ 231.0670, 11.7990,
-4.4438

■ 231.6540, 11.5096,
-4.9586

Harmonies

Analogous

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



212.4600, -41.1458, 37.3076



212.3660, -42.0854, 11.9570



206.7830, -27.9940, -27.8737

Triad

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



212.3660, -42.0854, 11.9570



169.3630, 42.2190, -148.5314



212.6560, 15.4526, 37.1357

Complementary

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



212.3660, -42.0854, 11.9570



140.6340, 42.0854, -11.9570

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.



220.0460, 17.2323, 26.2697



212.3660, -42.0854, 11.9570



193.6920, 30.2248, -81.2909

Square

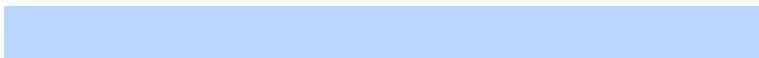
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



212.3660, -42.0854, 11.9570



174.0840, 32.0036, -138.6397



210.8890, 21.7467, -21.8277



205.6510, -3.7719, 43.2791

Rectangle

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



212.3660, -42.0854, 11.9570



201.0210, -12.3354, -57.0234



210.8890, 21.7467, -21.8277



215.6710, 19.3892, 34.4915

Sweetspot

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



212.3660, -42.0854, 11.9570



250.6510, -14.1249, 3.8141



157.1710, -12.4093, 60.3630



125.0190, -8.8834, 2.6143



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.



212.3660, -42.0854, 11.9570



236.6750, -57.5208, 16.0710



201.2590, -36.6097, -17.7671



110.7460, -4.8048, 1.0998



151.8270, -74.8507, 21.1997



41.3540, -20.3875, 5.8285

Inverse Universe

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



140.6340, 42.0854, -11.9570



138.3250, 57.5208, -16.0710



151.7410, 36.6097, 17.7671



102.2540, 4.8048, -1.0998



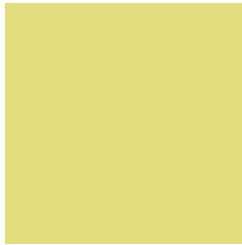
24.1730, 74.8507, -21.1997



6.6460, 20.3875, -5.8285

Previews

White Background



This preview shows how the YUV color 212.3660, -42.0854, 11.9570 looks on a white background.

Color Contrast Check

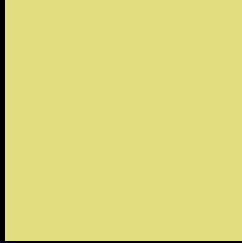
Large Text (above 18pt) WCAG AA × Fail

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 212.3660, -42.0854, 11.9570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

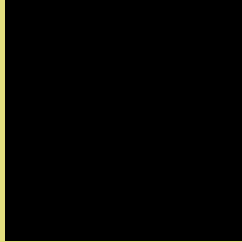
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 212.3660, -42.0854, 11.9570

Background



This preview shows how black text looks on a background with the YUV color 212.3660, -42.0854, 11.9570.



This preview shows how white text looks on a background with the YUV color 212.3660, -42.0854, 11.9570.

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

212.3660, -42.0854, 11.9570

Protanopia

213.6770, -43.7178, 22.2083

Deuteranopia

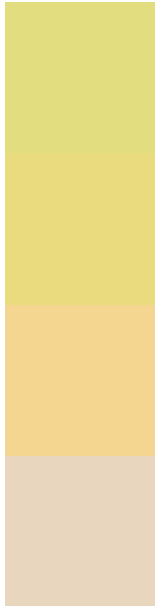
217.0710, -31.0940, 33.2637



Tritanopia

220.0110, 3.4456, 14.8994

Trichromacy



Original Color

212.3660, -42.0854, 11.9570

Protanomaly

212.8830, -42.8333, 18.5196

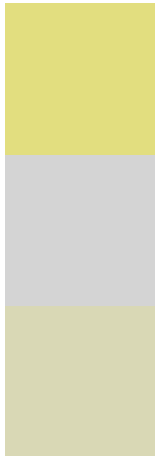
Deuteranomaly

214.9900, -34.9981, 25.4418

Tritanomaly

217.0590, -12.8471, 13.9803

Monochromacy



Original Color

212.3660, -42.0854, 11.9570

Achromatopsia

212.0000, 0.0000, 0.0000

Achromatomaly

212.3090, -15.4353, 4.1140

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.3660, -42.0854, 11.9570 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(226, 222, 127)` looks like.

```
.text, #text, p{  
    color:rgb(226, 222, 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(226, 222, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 222, 127) }
```

Border

The CSS property to change the border of an element to YUV 212.3660, -42.0854, 11.9570 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(226, 222, 127) }
```


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

```
.border{ border-color:rgb(226, 222, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 222, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 222, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 222, 127);  
box-shadow:4px 4px 4px 4px rgb(226, 222,  
127) }
```

Background

The CSS property to change the background color of an element to YUV 212.3660, -42.0854, 11.9570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 222, 127) }
```

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

```
.background{ background-color: rgb(226,  
222, 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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