

Converting Colors

YUV(213.7240, -41.7689,
3.7501)

Have a look what the booklet for
YUV(213.7240, -41.7689, 3.7501)
contains.

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Color

**YUV(213.7240, -41.7689,
3.7501)**

Conversions

Conversions Part 1

Format	Color
Hex	DAE481
RGB	218, 228, 129
RGB Percent	85%, 89%, 51%
CMY	0.1451, 0.1059, 0.4941
CMYK	0.04, 0.00, 0.43, 0.11
HSL	66°, 65%, 70%
HSV	66°, 43%, 89%
XYZ	60.6193, 71.9772, 31.4669
YIQ	213.7240, 25.8190, -32.9090

Conversions

Conversions Part 2

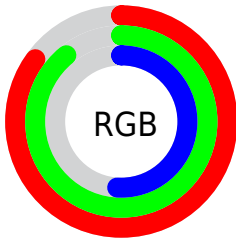
Format	Color
RYB	129, 228, 139
Decimal	14345345
CIELab	87.96, -17.70, 47.01
CIELCh	88, 50.231, 110.638
Yxy	71.9772, 0.3695, 0.4387
Android (android.graphics.Color)	4292535425 (0xFFDAE481)
YUV	213.7240, -41.7689, 3.7501
Hunter-Lab	84.8394, -20.9274, 37.3969

Details

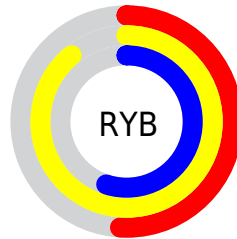
The YUV color $213.7240, -41.7689, 3.7501$ is a light color, and the websafe version is hex `CCCC66`. A complement of this color would be $143.2760, 41.7689, -3.7501$, and the grayscale version is $214.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $246.7920, -31.4495, 7.1984$, and $158.4680, -40.1637, 2.2206$ is the 20% darker color. If you saturate the color by 10%, you get $210.5040, -51.5205, 4.8200$, and if you desaturate by 10%, it is $216.9440, -32.0174, 2.6801$.

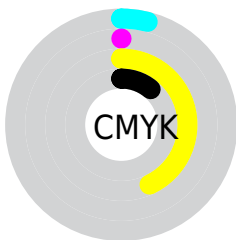
Distribution



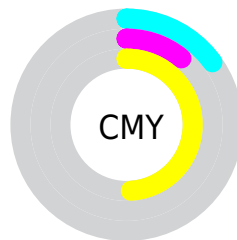
- Red (85%)
- Green (89%)
- Blue (51%)



- Red (51%)
- Yellow (89%)
- Blue (55%)



- Cyan (4%)
- Magenta (0%)
- Yellow (43%)
- Black (11%)



- Cyan (15%)
- Magenta (11%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.7240, -41.7689, 3.7501 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 213.7240, -41.7689, 3.7501 by changing the saturation by 10% instead.

■ 213.7240,
-41.7689, 3.7501

■ 213.7240,
-41.7689, 3.7501

■ 255.0000, 0.0000,
0.0000

■ 185.6530,
-40.7479, 2.9353

■ 246.7920,
-31.4495, 7.1984

■ 158.4680,
-40.1637, 2.2206

■ 250.0980,
-18.7823, 4.2991

■ 131.6960,
-39.2901, 2.0206

■ 253.2900, -6.5520,
1.4997

■ 105.2830,
-39.5795, 1.5058

■ 80.5710, -39.7215,
0.3762

■ 59.3070, -29.2384,
-2.0232

■ 38.6190, -19.0392,

-6.6819

■ 17.0230, -8.3923,
-14.9292

■ 0.0000, 0.0000,
0.0000

■ 213.7240,
-41.7689, 3.7501

■ 213.7240,
-41.7689, 3.7501

■ 210.5040,
-51.5205, 4.8200

■ 216.9440,
-32.0174, 2.6801

■ 206.9850,
-61.1246, 5.2752

■ 220.4630,
-22.4133, 2.2249

■ 203.8790,
-70.4393, 6.2451

■ 223.5690,
-13.0985, 1.2550

■ 200.6590,
-80.1909, 7.3151

■ 226.7890, -3.3470,
0.1850

■ 197.1400,
-89.7950, 7.7702

■ 230.3080, 6.2572,
-0.2701

■ 195.1310,
-96.1996, 8.6551

■ 232.2740, 11.2039,
-0.2403

■ 232.8720, 10.9091,
0.9893

■ 233.4700, 10.6143,
2.2188

■ 234.3670, 10.1721,
4.0631

Harmonies

Analogous

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



215.6400, -44.1925, 34.5187



213.7240, -41.7689, 3.7501



207.0420, -24.1777, -38.6248

Triad

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



213.7240, -41.7689, 3.7501



170.5370, 41.6403, -149.5609



211.3850, 13.1212, 38.2504

Complementary

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



213.7240, -41.7689, 3.7501



143.2760, 41.7689, -3.7501

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



213.7240, -41.7689, 3.7501



199.0630, 27.5769, -71.9693

Square

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



213.7240, -41.7689, 3.7501



173.2440, 39.3197, -151.9350



215.3850, 19.5302, -10.8616



205.7990, -8.2819, 43.1493

Rectangle

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



213.7240, -41.7689, 3.7501



199.8390, -6.3296, -70.0188



215.3850, 19.5302, -10.8616



214.8560, 18.8050, 35.2063

Sweetspot

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



213.7240, -41.7689, 3.7501



250.3410, -13.9721, 1.4549



164.4710, -17.4872, 55.7149



124.7090, -8.7305, 0.2552



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.



213.7240, -41.7689, 3.7501



235.9510, -56.1778, 5.3050



199.0730, -34.5460, -26.3740



113.3330, -5.0942, 0.5850



152.9130, -75.3861, 6.2153



43.6910, -21.5397, 2.0250

Inverse Universe

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



143.2760, 41.7689, -3.7501



141.3480, 56.0304, -4.6902



157.9270, 34.5460, 26.3740



104.6670, 5.0942, -0.5850



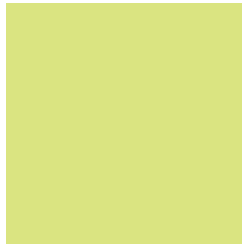
25.7880, 75.5335, -6.8301



7.3090, 21.5397, -2.0250

Previews

White Background



This preview shows how the YUV color 213.7240, -41.7689, 3.7501 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 213.7240, -41.7689, 3.7501 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 213.7240, -41.7689, 3.7501 Background



This preview shows how black text looks on a background with the YUV color 213.7240, -41.7689, 3.7501.



This preview shows how white text looks on a background with the YUV color 213.7240, -41.7689, 3.7501.

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

213.7240, -41.7689, 3.7501

Protanopia

215.8620, -44.3020, 22.9230

Deuteranopia

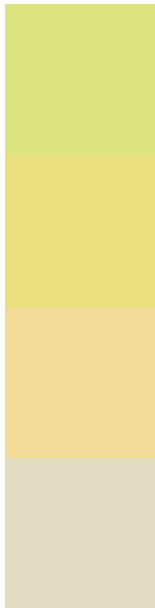
219.8580, -28.0310, 30.8195



Tritanopia

222.1240, 5.3619, 6.9073

Trichromacy



Original Color

213.7240, -41.7689, 3.7501

Protanomaly

215.0460, -43.4067, 15.7457

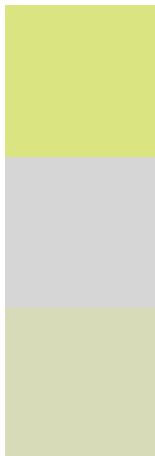
Deuteranomaly

217.5380, -32.8032, 21.4532

Tritanomaly

218.9440, -11.8044, 6.1881

Monochromacy



Original Color

213.7240, -41.7689, 3.7501

Achromatopsia

214.0000, 0.0000, 0.0000

Achromatomaly

213.7000, -15.1351, 1.1401

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.7240, -41.7689, 3.7501 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(218, 228, 129)` looks like.

```
.text, #text, p{  
    color:rgb(218, 228, 129)  
}
```

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(218, 228, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 228, 129) }
```

Border

The CSS property to change the border of an element to YUV 213.7240, -41.7689, 3.7501 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(218, 228, 129) }
```


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

```
.border{ border-color:rgb(218, 228, 129) }
```

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

Here you see how a box with a 4 pixel rgb(218, 228, 129) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 228, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 228, 129);  
box-shadow:4px 4px 4px 4px rgb(218, 228,  
129) }
```

Background

The CSS property to change the background color of an element to YUV 213.7240, -41.7689, 3.7501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 228, 129) }
```

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

```
.background{ background-color: rgb(218,  
228, 129) }
```

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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