

Converting Colors

YUV(216.3570, -11.5150,
6.7029)

Have a look what the booklet for
YUV(216.3570, -11.5150, 6.7029)
contains.

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Color

**YUV(216.3570, -11.5150,
6.7029)**

Conversions

Conversions Part 1

Format	Color
Hex	E0D9C1
RGB	224, 217, 193
RGB Percent	88%, 85%, 76%
CMY	0.1216, 0.1490, 0.2431
CMYK	0.00, 0.03, 0.14, 0.12
HSL	46°, 33%, 82%
HSV	46°, 14%, 88%
XYZ	65.1790, 69.3233, 60.3975
YIQ	216.3570, 11.8760, -5.9800

Conversions

Conversions Part 2

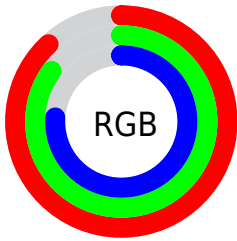
Format	Color
RYB	202, 224, 193
Decimal	14735809
CIELab	86.66, -1.60, 12.68
CIELCh	87, 12.777, 97.179
Yxy	69.3233, 0.3344, 0.3557
Android (android.graphics.Color)	4292925889 (0xFFE0D9C1)
YUV	216.3570, -11.5150, 6.7029
Hunter-Lab	83.2606, -5.9707, 15.2733

Details

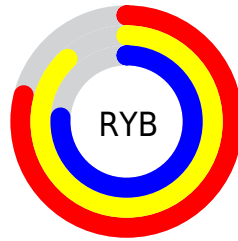
The YUV color $216.3570, -11.5150, 6.7029$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $200.6430, 11.5150, -6.7029$, and the grayscale version is $216.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.3160, -2.6208, 0.5999$, and $161.4710, -11.0782, 6.6029$ is the 20% darker color. If you saturate the color by 10%, you get $210.9140, -19.6776, 11.4764$, and if you desaturate by 10%, it is $221.8000, -3.3524, 1.9294$.

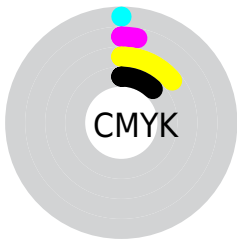
Distribution



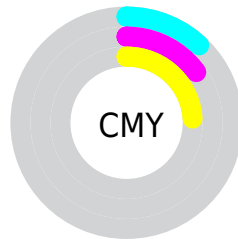
- Red (88%)
- Green (85%)
- Blue (76%)



- Red (79%)
- Yellow (88%)
- Blue (76%)



- Cyan (0%)
- Magenta (3%)
- Yellow (14%)
- Black (12%)



- Cyan (12%)
- Magenta (15%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.3570, -11.5150, 6.7029 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 216.3570, -11.5150, 6.7029 by changing the saturation by 10% instead.

■ 216.3570,
-11.5150, 6.7029

■ 216.3570,
-11.5150, 6.7029

255.0000, 0.0000,
0.0000

■ 188.4710,
-11.0782, 6.6029

■ 254.3160, -2.6208,
0.5999

■ 161.4710,
-11.0782, 6.6029

■ 135.2860,
-10.4940, 5.8882

■ 109.9870,
-10.3466, 5.2734

■ 85.5140, -9.6204,
5.6882

■ 62.3290, -9.0362,
4.9735

■ 40.1440, -8.4520,

4.2587

■ 20.1010, -9.9098,
5.1734

■ 0.0000, 0.0000,
0.0000

■ 216.3570,
-11.5150, 6.7029

■ 216.3570,
-11.5150, 6.7029

■ 210.9140,
-19.6776, 11.4764

■ 221.8000, -3.3524,
1.9294

■ 205.3570,
-28.2770, 16.3499

■ 227.3570, 5.2470,
-2.9441

■ 199.9140,
-36.4396, 21.1234

■ 232.2300, 11.2256,
-7.2177

■ 194.3570,
-45.0390, 25.9969

■ 235.1650, 9.7787,
-9.7917

■ 188.9140,
-53.2016, 30.7704

■ 238.1000, 8.3317,
-12.3657

■ 183.4710,
-61.3642, 35.5439

■ 241.0350, 6.8847,
-14.9397

■ 177.9140,
-69.9636, 40.4174

■ 243.9700, 5.4378,
-17.5137

■ 172.4710,
-78.1262, 45.1909

■ 245.7310, 4.5696,
-19.0581

■ 168.5270,
-83.0838, 48.6498

Harmonies

Analogous

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



217.8250, -11.2527, 15.9395



216.3570, -11.5150, 6.7029



214.9750, -8.8617, -4.3631

Triad

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



216.3570, -11.5150, 6.7029



213.1480, 8.8010, -22.9318



219.7120, 3.5930, 14.2846

Complementary

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



216.3570, -11.5150, 6.7029



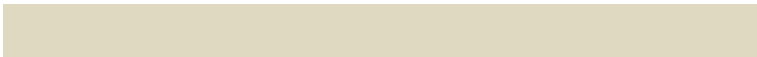
200.6430, 11.5150, -6.7029

Split Complementary

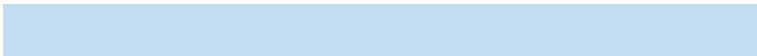
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



218.6120, 8.5723, 3.8483



216.3570, -11.5150, 6.7029



214.9790, 11.8424, -18.3986

Square

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



216.3570, -11.5150, 6.7029



212.6660, 3.1227, -21.6321



217.0450, 11.8098, -7.9325



219.7360, -2.8278, 20.4025

Rectangle

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



216.3570, -11.5150, 6.7029



214.1420, -5.4930, -11.5255



217.0450, 11.8098, -7.9325



219.4450, 5.2036, 11.0107

Sweetspot

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



216.3570, -11.5150, 6.7029



252.6860, -3.7892, 2.0294



203.0670, -1.5120, 18.3582



126.0280, -2.4788, 1.7294



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.



216.3570, -11.5150, 6.7029



244.2280, -15.8884, 9.4470



218.0740, -12.3615, -1.8189



109.5720, -4.2260, 2.1294



132.4560, -65.3008, 38.1881



36.6580, -18.0724, 9.9469

Inverse Universe

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



200.6430, 11.5150, -6.7029



222.1850, 16.1778, -8.9322



198.9260, 12.3615, 1.8189



104.0150, 3.9366, -2.6442



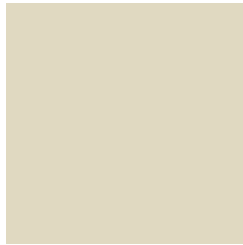
43.5440, 65.3008, -38.1881



11.9290, 17.7830, -10.4617

Previews

White Background



This preview shows how the YUV color 216.3570, -11.5150, 6.7029 looks on a white background.

Color Contrast Check

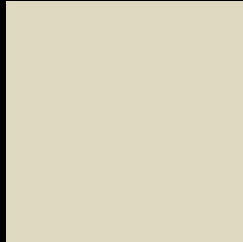
Large Text (above 18pt) WCAG AA × Fail

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 216.3570, -11.5150, 6.7029 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

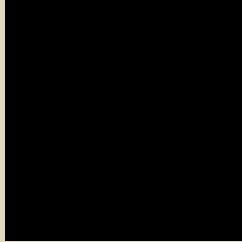
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

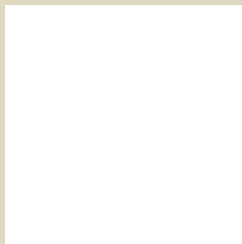
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 216.3570, -11.5150, 6.7029

Background



This preview shows how black text looks on a background with the YUV color 216.3570, -11.5150, 6.7029.

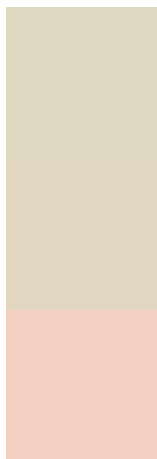


This preview shows how white text looks on a background with the YUV color 216.3570, -11.5150,

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

216.3570, -11.5150, 6.7029

Protanopia

216.3680, -11.5204, 8.4473

Deuteranopia

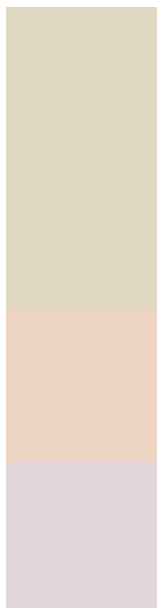
218.4670, -11.5692, 24.1464



Tritanopia

219.0210, 4.9196, 8.7516

Trichromacy



Original Color

216.3570, -11.5150, 6.7029

Protanomaly

216.0690, -11.3730, 7.8325

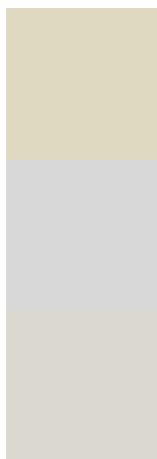
Deuteranomaly

217.7220, -11.6949, 17.7838

Tritanomaly

218.1150, -1.0427, 7.7921

Monochromacy



Original Color

216.3570, -11.5150, 6.7029

Achromatopsia

216.0000, 0.0000, 0.0000

Achromatomaly

215.9850, -3.9366, 2.6442

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.3570, -11.5150, 6.7029 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(224, 217, 193)` looks like.

```
.text, #text, p{  
    color:rgb(224, 217, 193)  
}
```

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(224, 217, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 217, 193) }
```

Border

The CSS property to change the border of an element to YUV 216.3570, -11.5150, 6.7029 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(224, 217, 193) }
```


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

```
.border{ border-color:rgb(224, 217, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 217, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 217, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 217, 193);  
box-shadow:4px 4px 4px 4px rgb(224, 217,  
193) }
```

Background

The CSS property to change the background color of an element to YUV 216.3570, -11.5150, 6.7029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 217, 193) }
```

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

```
.background{ background-color: rgb(224,  
217, 193) }
```

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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