

Converting Colors

YUV(213.3140, -29.7348,
17.2646)

Have a look what the booklet for
YUV(213.3140, -29.7348, 17.2646)
contains.

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Color

**YUV(213.3140, -29.7348,
17.2646)**

Conversions

Conversions Part 1

Format	Color
Hex	E9D799
RGB	233, 215, 153
RGB Percent	91%, 84%, 60%
CMY	0.0863, 0.1569, 0.4000
CMYK	0.00, 0.08, 0.34, 0.09
HSL	47°, 65%, 76%
HSV	47°, 34%, 91%
XYZ	63.6545, 68.2244, 39.9507
YIQ	213.3140, 30.6300, -15.4660

Conversions

Conversions Part 2

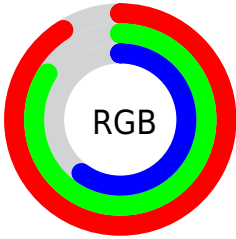
Format	Color
RYB	176, 233, 153
Decimal	15325081
CIELab	86.12, -2.71, 32.89
CIELCh	86, 32.997, 94.713
Yxy	68.2244, 0.3705, 0.3970
Android (android.graphics.Color)	4293515161 (0xFFE9D799)
YUV	213.3140, -29.7348, 17.2646
Hunter-Lab	82.5981, -6.9850, 29.1415

Details

The YUV color $213.3140, -29.7348, 17.2646$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $172.6860, 29.7348, -17.2646$, and the grayscale version is $214.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.6420, -20.5295, 4.6990$, and $158.0580, -28.1296, 15.7351$ is the 20% darker color. If you saturate the color by 10%, you get $207.7570, -38.3342, 22.1381$, and if you desaturate by 10%, it is $218.8710, -21.1354, 12.3911$.

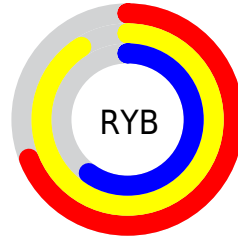
Distribution



Red (91%)

Green (84%)

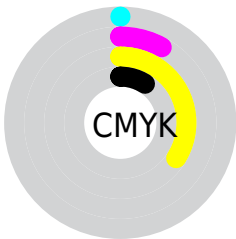
Blue (60%)



Red (69%)

Yellow (91%)

Blue (60%)

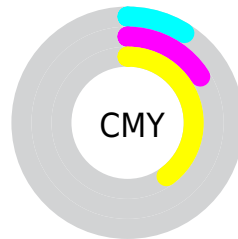


Cyan (0%)

Magenta (8%)

Yellow (34%)

Black (9%)



Cyan (9%)

Magenta (16%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.3140, -29.7348, 17.2646 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 213.3140, -29.7348, 17.2646 by changing the saturation by 10% instead.

■ 213.3140,
-29.7348, 17.2646

■ 213.3140,
-29.7348, 17.2646

255.0000, 0.0000,
0.0000

■ 185.2430,
-28.7138, 16.4499

■ 249.6420,
-20.5295, 4.6990

■ 158.0580,
-28.1296, 15.7351

■ 252.8340, -8.2992,
1.8996

■ 131.9870,
-27.1086, 14.9204

■ 106.5030,
-26.3770, 13.5909

■ 82.0190, -25.6454,
12.2613

■ 58.1930, -26.2241,
11.2317

■ 37.5330, -18.5038,

8.3026

■ 18.6170, -9.1782,
3.8439

■ 0.0000, 0.0000,
0.0000

■ 213.3140,
-29.7348, 17.2646

■ 213.3140,
-29.7348, 17.2646

■ 207.7570,
-38.3342, 22.1381

■ 218.8710,
-21.1354, 12.3911

■ 202.0860,
-47.3704, 27.1116

■ 224.5420,
-12.0992, 7.4177

■ 195.9420,
-55.6804, 32.4999

■ 230.6860, -3.7892,
2.0294

■ 190.3850,
-64.2798, 37.3734

■ 236.2430, 4.8102,
-2.8441

■ 184.8280,
-72.8792, 42.2468

■ 240.2040, 7.2944,
-6.3179

■ 179.1570,
-81.9154, 47.2203

■ 243.1390, 5.8475,
-8.8919

■ 175.9140,
-86.7256, 50.0644

■ 246.6610, 4.1111,
-11.9807

■ 248.4220, 3.2430,
-13.5251

Harmonies

Analogous

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



214.2330, -26.7369, 35.7527



213.3140, -29.7348, 17.2646



209.5710, -22.9595, -9.2708

Triad

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



213.3140, -29.7348, 17.2646



199.6780, 24.8087, -70.7546



218.9990, 11.8325, 31.5729

Complementary

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



213.3140, -29.7348, 17.2646



172.6860, 29.7348, -17.2646

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.



217.5660, 18.4550, 7.3966



213.3140, -29.7348, 17.2646



203.8910, 25.1967, -55.1554

Square

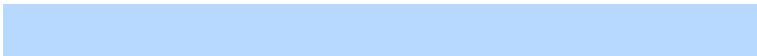
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



213.3140, -29.7348, 17.2646



200.9060, 8.9203, -61.3076



211.1660, 21.6102, -24.7016



213.1170, -0.5507, 36.7314

Rectangle

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



213.3140, -29.7348, 17.2646



207.0400, -14.3167, -28.0991



211.1660, 21.6102, -24.7016



220.2910, 15.6325, 26.0548

Sweetspot

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



213.3140, -29.7348, 17.2646



248.6280, -9.1836, 5.5882



179.0860, -3.4934, 47.2826



123.8280, -5.8312, 3.6588



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.



213.3140, -29.7348, 17.2646



228.9420, -38.9184, 22.8529



217.6010, -31.8483, -4.9121



114.5720, -4.2260, 2.1294



136.2990, -67.1954, 39.2028



40.8000, -20.1144, 11.5764

Inverse Universe

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



172.6860, 29.7348, -17.2646



176.0580, 38.9184, -22.8529



168.3990, 31.8483, 4.9121



108.4280, 4.2260, -2.1294



44.7010, 67.1954, -39.2028



13.2000, 20.1144, -11.5764

Previews

White Background



This preview shows how the YUV color 213.3140, -29.7348, 17.2646 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 213.3140, -29.7348, 17.2646 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

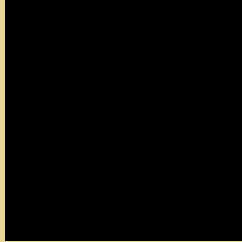
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 213.3140, -29.7348, 17.2646

Background



This preview shows how black text looks on a background with the YUV color 213.3140, -29.7348, 17.2646.

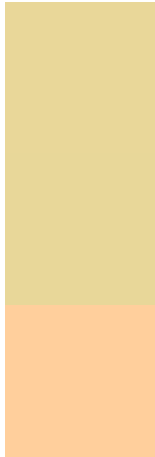


This preview shows how white text looks on a background with the YUV color 213.3140, -29.7348, 17.2646.

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

213.3140, -29.7348, 17.2646

Protanopia

213.0150, -29.5874, 16.6498

Deuteranopia

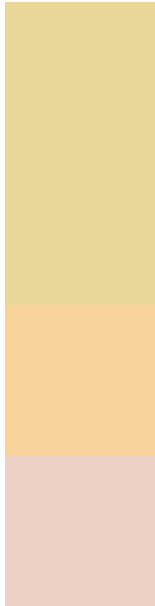
215.5380, -29.3522, 34.6082



Tritanopia

218.2890, 1.8295, 19.9175

Trichromacy



Original Color

213.3140, -29.7348, 17.2646

Protanomaly

213.0150, -29.5874, 16.6498

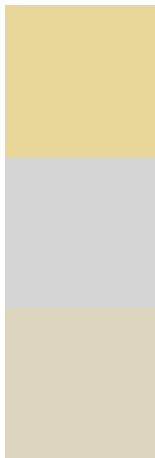
Deuteranomaly

214.7930, -29.4779, 28.2455

Tritanomaly

216.3030, -9.5164, 19.0283

Monochromacy



Original Color

213.3140, -29.7348, 17.2646

Achromatopsia

213.0000, 0.0000, 0.0000

Achromatomaly

213.1720, -10.9308, 5.9882

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.3140, -29.7348, 17.2646 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(233, 215, 153)` looks like.

```
.text, #text, p{  
    color:rgb(233, 215, 153)  
}
```

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(233, 215, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 215, 153) }
```

Border

The CSS property to change the border of an element to YUV 213.3140, -29.7348, 17.2646 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(233, 215, 153) }
```


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

```
.border{ border-color:rgb(233, 215, 153) }
```

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

Here you see how a box with a 4 pixel rgb(233, 215, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 215, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 215, 153);  
box-shadow:4px 4px 4px 4px rgb(233, 215,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 213.3140, -29.7348, 17.2646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 215, 153) }
```

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

```
.background{ background-color: rgb(233,  
215, 153) }
```

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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