

Converting Colors

YUV(216.0860, -30.6084,
17.4646)

Have a look what the booklet for
YUV(216.0860, -30.6084, 17.4646)
contains.

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Color

**YUV(216.0860, -30.6084,
17.4646)**

Conversions

Conversions Part 1

Format	Color
Hex	ECDA9A
RGB	236, 218, 154
RGB Percent	93%, 85%, 60%
CMY	0.0745, 0.1451, 0.3961
CMYK	0.00, 0.08, 0.35, 0.07
HSL	47°, 68%, 76%
HSV	47°, 35%, 93%
XYZ	65.4962, 70.3088, 40.6908
YIQ	216.0860, 31.2720, -16.0880

Conversions

Conversions Part 2

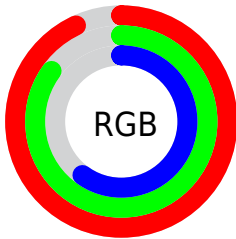
Format	Color
RYB	177, 236, 154
Decimal	15522458
CIELab	87.15, -2.97, 33.78
CIELCh	87, 33.912, 95.024
Yxy	70.3088, 0.3711, 0.3984
Android (android.graphics.Color)	4293712538 (0xFFECCA9A)
YUV	216.0860, -30.6084, 17.4646
Hunter-Lab	83.8503, -7.3102, 29.9231

Details

The YUV color **216.0860, -30.6084, 17.4646** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **173.9140, 30.6084, -17.4646**, and the grayscale version is **216.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **249.7560, -20.0927, 4.5990**, and **160.8300, -29.0032, 15.9351** is the 20% darker color. If you saturate the color by 10%, you get **210.4150, -39.6446, 22.4380**, and if you desaturate by 10%, it is **221.7570, -21.5722, 12.4911**.

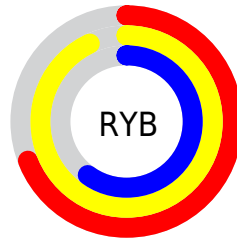
Distribution



Red (93%)

Green (85%)

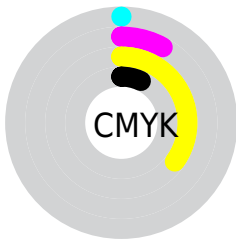
Blue (60%)



Red (69%)

Yellow (93%)

Blue (60%)

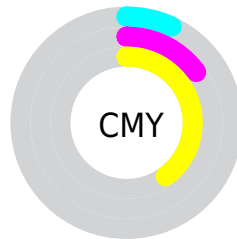


Cyan (0%)

Magenta (8%)

Yellow (35%)

Black (7%)



Cyan (7%)

Magenta (15%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.0860, -30.6084, 17.4646 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 216.0860, -30.6084, 17.4646 by changing the saturation by 10% instead.

■ 216.0860,
-30.6084, 17.4646

■ 216.0860,
-30.6084, 17.4646

255.0000, 0.0000,
0.0000

■ 188.0150,
-29.5874, 16.6498

■ 249.7560,
-20.0927, 4.5990

■ 160.8300,
-29.0032, 15.9351

■ 252.9480, -7.8624,
1.7996

■ 134.6450,
-28.4190, 15.2203

■ 109.2750,
-27.2506, 13.7908

■ 84.0900, -26.6664,
13.0761

■ 60.0790, -26.6609,
11.3317

■ 39.6040, -19.5248,

9.1173

■ 20.3890, -10.0518,
4.0438

■ 0.0000, 0.0000,
0.0000

■ 216.0860,
-30.6084, 17.4646

■ 216.0860,
-30.6084, 17.4646

■ 210.4150,
-39.6446, 22.4380

■ 221.7570,
-21.5722, 12.4911

■ 204.8580,
-48.2440, 27.3115

■ 227.3140,
-12.9728, 7.6176

■ 198.6000,
-56.9908, 32.7998

■ 233.5720, -4.2260,
2.1294

■ 193.0430,
-65.5902, 37.6733

■ 239.1290, 4.3734,
-2.7441

■ 187.3720,
-74.6264, 42.6468

■ 242.8620, 5.9840,
-6.0180

■ 181.7010,
-83.6626, 47.6202

■ 245.7970, 4.5371,
-8.5920

■ 178.5720,
-88.0360, 50.3644

■ 248.7320, 3.0901,
-11.1660

■ 249.3190, 2.8007,
-11.6808

Harmonies

Analogous

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



216.1080, -27.1682, 34.1083



216.0860, -30.6084, 17.4646



212.1580, -23.2489, -9.7856

Triad

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



216.0860, -30.6084, 17.4646



202.1830, 25.5458, -73.8285



220.5150, 12.5641, 30.2433

Complementary

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



216.0860, -30.6084, 17.4646



173.9140, 30.6084, -17.4646

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.



219.9360, 17.2866, 8.8261



216.0860, -30.6084, 17.4646



205.6520, 24.3286, -56.6998

Square

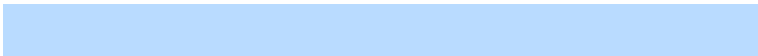
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



216.0860, -30.6084, 17.4646



203.1230, 9.7994, -63.2519



212.9380, 20.7366, -24.5016



214.5190, -0.2559, 35.5018

Rectangle

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



216.0860, -30.6084, 17.4646



209.3280, -14.4587, -29.2287



212.9380, 20.7366, -24.5016



223.3020, 15.6271, 27.7991

Sweetspot

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



216.0860, -30.6084, 17.4646



248.6280, -9.1836, 5.5882



180.6840, -3.7882, 48.5121



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.



216.0860, -30.6084, 17.4646



228.7140, -39.7920, 23.0528



220.0740, -32.5745, -5.3269



114.5720, -4.2260, 2.1294



136.8860, -67.4848, 38.6880



40.8000, -20.1144, 11.5764

Inverse Universe

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



173.9140, 30.6084, -17.4646



173.6990, 40.0814, -22.5380



169.9260, 32.5745, 5.3269



108.4280, 4.2260, -2.1294



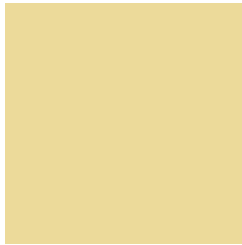
44.1140, 67.4848, -38.6880



13.2000, 20.1144, -11.5764

Previews

White Background



This preview shows how the YUV color 216.0860, -30.6084, 17.4646 looks on a white background.

Color Contrast Check

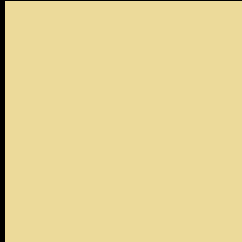
Large Text (above 18pt) WCAG AA × Fail

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 216.0860, -30.6084, 17.4646 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

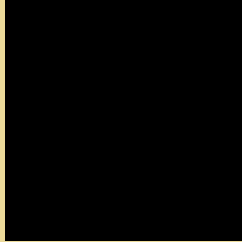
Any Text WCAG AA ✓ Pass

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 216.0860, -30.6084, 17.4646 Background



This preview shows how black text looks on a background with the YUV color 216.0860, -30.6084, 17.4646.

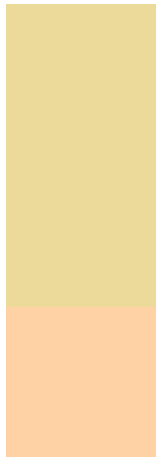


This preview shows how white text looks on a background with the YUV color 216.0860, -30.6084, 17.4646.

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

216.0860, -30.6084, 17.4646

Protanopia

215.7870, -30.4610, 16.8498

Deuteranopia

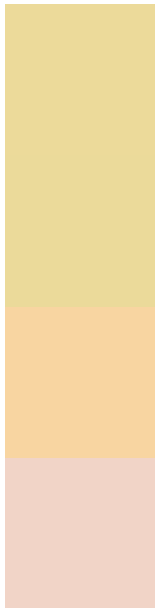
218.3250, -26.2892, 32.1640



Tritanopia

221.2890, 1.8295, 19.9175

Trichromacy



Original Color

216.0860, -30.6084, 17.4646

Protanomaly

215.7870, -30.4610, 16.8498

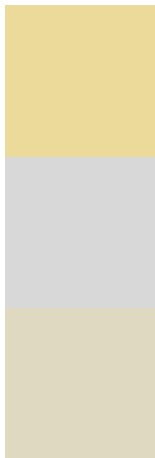
Deuteranomaly

217.5370, -27.8727, 26.7161

Tritanomaly

219.1890, -9.9532, 19.1282

Monochromacy



Original Color

216.0860, -30.6084, 17.4646

Achromatopsia

216.0000, 0.0000, 0.0000

Achromatomaly

216.0580, -11.3676, 6.0881

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.0860, -30.6084, 17.4646 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(236, 218, 154)` looks like.

```
.text, #text, p{  
    color:rgb(236, 218, 154)  
}
```

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(236, 218, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 218, 154) }
```

Border

The CSS property to change the border of an element to YUV 216.0860, -30.6084, 17.4646 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(236, 218, 154) }
```


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

```
.border{ border-color:rgb(236, 218, 154) }
```

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

Here you see how a box with a 4 pixel rgb(236, 218, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 218, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 218, 154);  
box-shadow:4px 4px 4px 4px rgb(236, 218,  
154) }
```

Background

The CSS property to change the background color of an element to YUV 216.0860, -30.6084, 17.4646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 218, 154) }
```

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

```
.background{ background-color: rgb(236,  
218, 154) }
```

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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