

Converting Colors

YUV(206.5420, -28.8612,
17.0647)

Have a look what the booklet for
YUV(206.5420, -28.8612, 17.0647)
contains.

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Color

**YUV(206.5420, -28.8612,
17.0647)**

Conversions

Conversions Part 1	
Format	Color
Hex	E2D094
RGB	226, 208, 148
RGB Percent	89%, 82%, 58%
CMY	0.1137, 0.1843, 0.4196
CMYK	0.00, 0.08, 0.35, 0.11
HSL	46°, 57%, 73%
HSV	46°, 35%, 89%
XYZ	59.2652, 63.4186, 37.1344
YIQ	206.5420, 29.9880, -14.8440

Conversions

Conversions Part 2

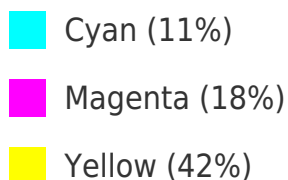
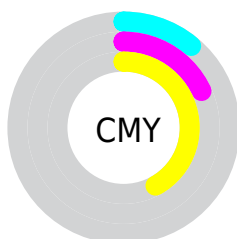
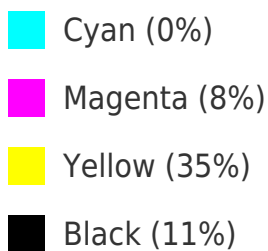
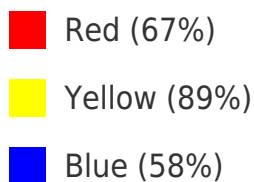
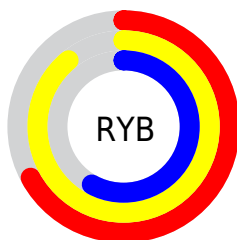
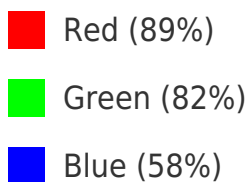
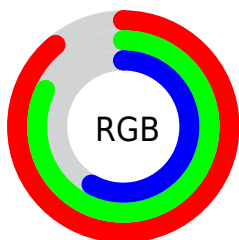
Format	Color
RYB	171, 226, 148
Decimal	14864532
CIELab	83.66, -2.42, 32.10
CIELCh	84, 32.188, 94.309
Yxy	63.4186, 0.3708, 0.3968
Android (android.graphics.Color)	4293054612 (0xFFE2D094)
YUV	206.5420, -28.8612, 17.0647
Hunter-Lab	79.6358, -6.5224, 28.0980

Details

The YUV color **206.5420, -28.8612, 17.0647** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **167.4580, 28.8612, -17.0647**, and the grayscale version is **207.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **249.0720, -22.7135, 5.1989**, and **152.2860, -27.2560, 15.5352** is the 20% darker color. If you saturate the color by 10%, you get **200.9850, -37.4606, 21.9382**, and if you desaturate by 10%, it is **212.0990, -20.2618, 12.1912**.


Distribution




Brightness & Saturation Gradients


These gradients show how the YUV color 206.5420, -28.8612, 17.0647 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 206.5420, -28.8612, 17.0647 by changing the saturation by 10% instead.


 206.5420,
-28.8612, 17.0647


 206.5420,
-28.8612, 17.0647

255.0000, 0.0000,
0.0000


 179.0580,
-28.1296, 15.7351


 249.0720,
-22.7135, 5.1989


 152.2860,
-27.2560, 15.5352

 252.2640,
-10.4832, 2.3995

 125.8020,
-26.5244, 14.2056

 100.7310,
-25.5034, 13.3909

 76.2470, -24.7718,
12.0614

 52.4210, -25.3506,
11.0318

 33.1030, -16.3198,

7.8027

■ 12.4040, -6.1152,
1.3997

■ 0.0000, 0.0000,
0.0000

■ 206.5420,
-28.8612, 17.0647

■ 206.5420,
-28.8612, 17.0647

■ 200.9850,
-37.4606, 21.9382

■ 212.0990,
-20.2618, 12.1912

■ 195.5420,
-45.6232, 26.7117

■ 217.5420,
-12.0992, 7.4177


■ 189.3980,
-53.9332, 32.1000


■ 223.6860, -3.7892,
2.0294


■ 183.9550,
-62.0958, 36.8735

■ 229.1290, 4.3734,
-2.7441

 178.3980,
-70.6952, 41.7470

 234.0020, 10.3520,
-7.0178

 172.8410,
-79.2946, 46.6204

 236.9370, 8.9051,
-9.5917

 169.7120,
-83.6680, 49.3646

 240.4590, 7.1687,
-12.6805

 243.3940, 5.7218,
-15.2545

 246.3290, 4.2748,
-17.8285

Harmonies

Analogous

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



209.2440, -26.7423, 37.4970



206.5420, -28.8612, 17.0647



203.0980, -22.2333, -8.8559

Triad

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



206.5420, -28.8612, 17.0647



193.4610, 23.9297, -68.8103



213.3690, 10.6641, 33.0024

Complementary

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



206.5420, -28.8612, 17.0647



167.4580, 28.8612, -17.0647

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.



211.3640, 21.5125, 6.6968



206.5420, -28.8612, 17.0647



198.2870, 27.9595, -54.6257

Square

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



206.5420, -28.8612, 17.0647



194.8030, 8.4781, -59.4632



204.9640, 24.6677, -25.4014



208.7970, -1.8719, 40.5200

Rectangle

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



206.5420, -28.8612, 17.0647



200.1650, -13.8853, -26.4547



204.9640, 24.6677, -25.4014



213.4650, 15.0538, 25.0252

Sweetspot

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



206.5420, -28.8612, 17.0647



248.6280, -9.1836, 5.5882



173.3740, -3.6354, 46.1530



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.



206.5420, -28.8612, 17.0647



228.9420, -38.9184, 22.8529



210.8290, -30.9747, -5.1120



109.5720, -4.2260, 2.1294



131.8690, -65.0114, 38.7029



36.0710, -17.7830, 10.4617

Inverse Universe

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



167.4580, 28.8612, -17.0647



176.6450, 38.6290, -23.3677



163.1710, 30.9747, 5.1120



104.0150, 3.9366, -2.6442



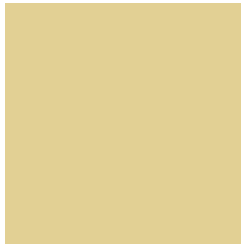
44.1310, 65.0114, -38.7029



11.9290, 17.7830, -10.4617

Previews

White Background



This preview shows how the YUV color 206.5420, -28.8612, 17.0647 looks on a white background.

Color Contrast Check

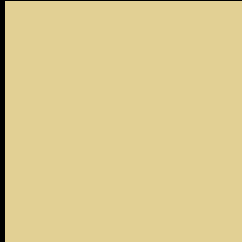
Large Text (above 18pt) WCAG AA × Fail

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 206.5420, -28.8612, 17.0647 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 206.5420, -28.8612, 17.0647

Background



This preview shows how black text looks on a background with the YUV color 206.5420, -28.8612, 17.0647.



This preview shows how white text looks on a background with the YUV color 206.5420, -28.8612,

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

206.5420, -28.8612, 17.0647

Protanopia

206.2430, -28.7138, 16.4499

Deuteranopia


208.6520, -28.9154, 34.5082



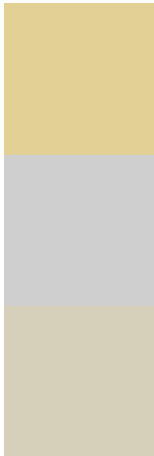
Tritanopia

211.2890, 1.8295, 19.9175

Trichromacy

	Original Color 206.5420, -28.8612, 17.0647
	Protanomaly 206.2430, -28.7138, 16.4499
	Deuteranomaly 207.9070, -29.0412, 28.1456
	Tritanomaly 209.4170, -9.0796, 18.9283

Monochromacy

	Original Color 206.5420, -28.8612, 17.0647
	Achromatopsia 207.0000, 0.0000, 0.0000
	Achromatomaly 206.6990, -10.2046, 6.4030

CSS Examples

Text

The CSS property to change the color of the text to YUV 206.5420, -28.8612, 17.0647 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, 208, 148)` looks like.

```
.text, #text, p{  
    color:rgb(226, 208, 148)  
}
```

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, 208, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 208, 148) }
```

Border

The CSS property to change the border of an element to YUV 206.5420, -28.8612, 17.0647 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, 208, 148) }
```


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

```
.border{ border-color:rgb(226, 208, 148) }
```

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

Here you see how a box with a 4 pixel rgb(226, 208, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 208, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 208, 148);  
box-shadow:4px 4px 4px 4px rgb(226, 208,  
148) }
```

Background

The CSS property to change the background color of an element to YUV 206.5420, -28.8612, 17.0647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 208, 148) }
```

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

```
.background{ background-color: rgb(226,  
208, 148) }
```

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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