

Converting Colors

YUV(217.8420, -13.7261,
15.9246)

Have a look what the booklet for
YUV(217.8420, -13.7261, 15.9246)
contains.

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Color

**YUV(217.8420, -13.7261,
15.9246)**

Conversions

Conversions Part 1

Format	Color
Hex	ECD6BE
RGB	236, 214, 190
RGB Percent	93%, 84%, 75%
CMY	0.0745, 0.1608, 0.2549
CMYK	0.00, 0.09, 0.19, 0.07
HSL	31°, 55%, 84%
HSV	31°, 19%, 93%
XYZ	67.9329, 69.6437, 58.5773
YIQ	217.8420, 20.8160, -2.8000

Conversions

Conversions Part 2

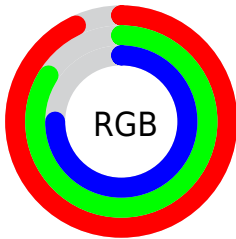
Format	Color
R _Y B	232, 236, 190
Decimal	15521470
CIE Lab	86.82, 3.85, 14.62
CIE LCh	87, 15.115, 75.255
Yxy	69.6437, 0.3463, 0.3550
Android (android.graphics.Color)	4293711550 (0xFFECD6BE)
YUV	217.8420, -13.7261, 15.9246
Hunter-Lab	83.4528, -0.7384, 16.8000

Details

The YUV color $217.8420, -13.7261, 15.9246$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $208.1580, 13.7261, -15.9246$, and the grayscale version is $218.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.9740, -3.9312, 0.8998$, and $162.7710, -12.7051, 15.1098$ is the 20% darker color. If you saturate the color by 10%, you get $208.6490, -21.0260, 23.9868$, and if you desaturate by 10%, it is $227.0350, -6.4263, 7.8623$.

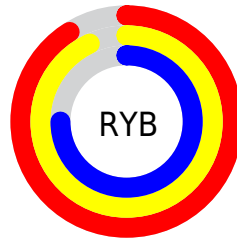
Distribution



Red (93%)

Green (84%)

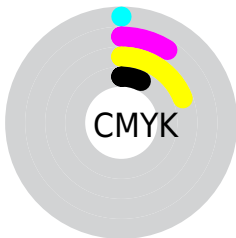
Blue (75%)



Red (91%)

Yellow (93%)

Blue (75%)

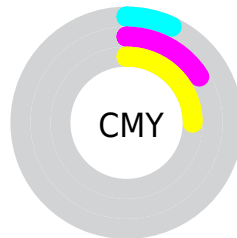


Cyan (0%)

Magenta (9%)

Yellow (19%)

Black (7%)



Cyan (7%)

Magenta (16%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.8420, -13.7261, 15.9246 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 217.8420, -13.7261, 15.9246 by changing the saturation by 10% instead.

■ 217.8420,
-13.7261, 15.9246

■ 217.8420,
-13.7261, 15.9246

255.0000, 0.0000,
0.0000

■ 189.9560,
-13.2893, 15.8246

■ 253.9740, -3.9312,
0.8998

■ 162.7710,
-12.7051, 15.1098

■ 136.4720,
-12.5577, 14.4951

■ 110.9880,
-11.8261, 13.1655

■ 86.6890, -11.6787,
12.5507

■ 63.5040, -11.0945,
11.8360

■ 41.1340, -9.9261,

10.4065

■ 20.7210, -10.2155,
9.8917

■ 0.0000, 0.0000,
0.0000

■ 217.8420,
-13.7261, 15.9246

■ 217.8420,
-13.7261, 15.9246

■ 208.6490,
-21.0260, 23.9868

■ 227.0350, -6.4263,
7.8623

■ 198.9830,
-27.5996, 32.4639

■ 236.7010, 0.1474,
-0.6148

■ 189.7900,
-34.8995, 40.5262

■ 245.2100, 4.8265,
-8.0772

■ 180.7110,
-41.7625, 48.4885

■ 249.3190, 2.8007,
-11.6808

■ 171.5180,
-49.0624, 56.5507

■ 161.7380,
-56.0728, 65.1278

■ 152.6590,
-62.9359, 73.0901

■ 143.4660,
-70.2357, 81.1523

■ 142.7650,
-70.3831, 81.7671

Harmonies

Analogous

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



219.3960, -10.5482, 23.3317



217.8420, -13.7261, 15.9246



216.2920, -12.9620, 4.1289

Triad

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



217.8420, -13.7261, 15.9246



212.6160, 5.6123, -26.8502



219.4600, 9.1402, 8.3666

Complementary

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



217.8420, -13.7261, 15.9246



208.1580, 13.7261, -15.9246

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.



217.8110, 13.4042, -5.9732



217.8420, -13.7261, 15.9246



213.2230, 11.7221, -26.5056

Square

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



217.8420, -13.7261, 15.9246



212.8250, -1.3927, -20.0175



215.6630, 14.4631, -18.9985



220.1040, 2.4137, 19.2028

Rectangle

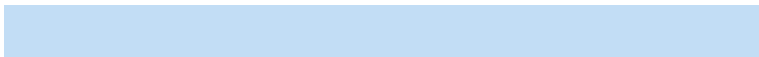
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



217.8420, -13.7261, 15.9246



215.2200, -10.4615, -4.5779



215.6630, 14.4631, -18.9985



219.1820, 10.7563, 3.3484

Sweetspot

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



217.8420, -13.7261, 15.9246



249.1810, -4.5262, 5.1033



206.2620, 2.8288, 26.0802



124.0390, -2.4842, 3.4738



0.0000, 0.0000, 0.0000



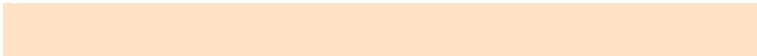
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



217.8420, -13.7261, 15.9246



231.8380, -17.6681, 20.3131



230.4570, -19.9453, 3.9842



112.8110, -3.3578, 3.6738



109.2970, -53.8834, 62.8835



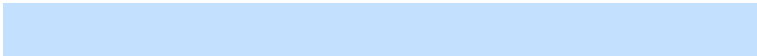
32.5820, -16.0629, 18.7836

Inverse Universe

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



208.1580, 13.7261, -15.9246



219.1620, 17.6681, -20.3131



195.5430, 19.9453, -3.9842



110.1890, 3.3578, -3.6738



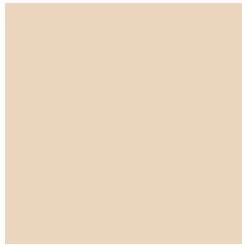
71.7030, 53.8834, -62.8835



21.4180, 16.0629, -18.7836

Previews

White Background



This preview shows how the YUV color 217.8420, -13.7261, 15.9246 looks on a white background.

Color Contrast Check

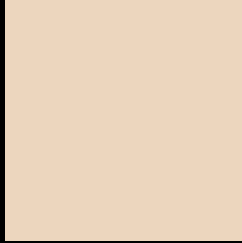
Large Text (above 18pt) WCAG AA × Fail

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 217.8420, -13.7261, 15.9246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

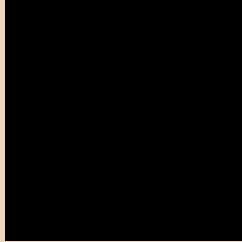
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 217.8420, -13.7261, 15.9246

Background



This preview shows how black text looks on a background with the YUV color 217.8420, -13.7261, 15.9246.



This preview shows how white text looks on a background with the YUV color 217.8420, -13.7261, 15.9246.

15.9246.

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

217.8420, -13.7261, 15.9246

Protanopia

217.0260, -12.8308, 8.7472

Deuteranopia

218.6090, -13.6112, 25.7759



Tritanopia

220.0930, 2.4192, 17.4584

Trichromacy



Original Color

217.8420, -13.7261, 15.9246

Protanomaly

217.3360, -12.9836, 11.1063

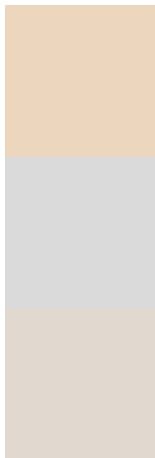
Deuteranomaly

218.5870, -13.6004, 22.2872

Tritanomaly

219.4860, -3.6906, 17.1138

Monochromacy



Original Color

217.8420, -13.7261, 15.9246

Achromatopsia

218.0000, 0.0000, 0.0000

Achromatomaly

218.3660, -5.1104, 5.8180

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.8420, -13.7261, 15.9246 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, 214, 190)` looks like.

```
.text, #text, p{  
    color:rgb(236, 214, 190)  
}
```

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, 214, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 214, 190) }
```

Border

The CSS property to change the border of an element to YUV 217.8420, -13.7261, 15.9246 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, 214, 190) }
```


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

```
.border{ border-color:rgb(236, 214, 190) }
```

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

Here you see how a box with a 4 pixel rgb(236, 214, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 214, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 214, 190);  
box-shadow:4px 4px 4px 4px rgb(236, 214,  
190) }
```

Background

The CSS property to change the background color of an element to YUV 217.8420, -13.7261, 15.9246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 214, 190) }
```

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

```
.background{ background-color: rgb(236,  
214, 190) }
```

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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