

Converting Colors

YUV(215.2090, -7.0050, 6.8327)

Have a look what the booklet for
YUV(215.2090, -7.0050, 6.8327)
contains.

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Color

**YUV(215.2090, -7.0050,
6.8327)**

Conversions

Conversions Part 1

Format	Color
Hex	DFD6C9
RGB	223, 214, 201
RGB Percent	87%, 84%, 79%
CMY	0.1255, 0.1608, 0.2118
CMYK	0.00, 0.04, 0.10, 0.13
HSL	35°, 26%, 83%
HSV	35°, 10%, 87%
XYZ	65.0206, 67.9982, 64.9563
YIQ	215.2090, 9.5370, -2.1350

Conversions

Conversions Part 2

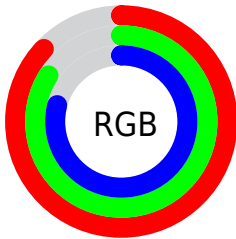
Format	Color
R_{YB}	216, 223, 201
Decimal	14669513
CIE _{Lab}	86.01, 0.88, 7.51
CIE _{LCh}	86, 7.559, 83.288
Yxy	67.9982, 0.3284, 0.3435
Android (android.graphics.Color)	4292859593 (0xFFDFD6C9)
YUV	215.2090, -7.0050, 6.8327
Hunter-Lab	82.4610, -3.5592, 11.0187

Details

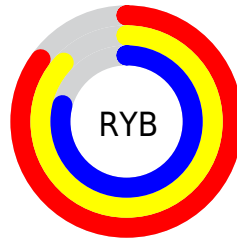
The YUV color $215.2090, -7.0050, 6.8327$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $208.7910, 7.0050, -6.8327$, and the grayscale version is $215.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $160.3230, -6.5682, 6.7327$ is the 20% darker color. If you saturate the color by 10%, you get $207.4180, -14.0101, 13.6654$, and if you desaturate by 10%, it is $223.0000, 0.0000, 0.0000$.

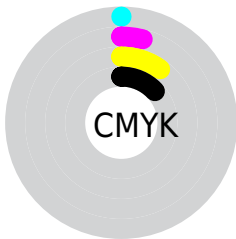
Distribution



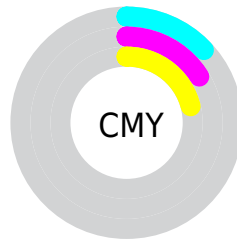
- Red (87%)
- Green (84%)
- Blue (79%)



- Red (85%)
- Yellow (87%)
- Blue (79%)



- Cyan (0%)
- Magenta (4%)
- Yellow (10%)
- Black (13%)



- Cyan (13%)
- Magenta (16%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 215.2090, -7.0050, 6.8327 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 215.2090, -7.0050, 6.8327 by changing the saturation by 10% instead.

■ 215.2090, -7.0050,
6.8327

■ 215.2090, -7.0050,
6.8327

255.0000, 0.0000,
0.0000

■ 187.3230, -6.5682,
6.7327

■ 160.3230, -6.5682,
6.7327

■ 134.0240, -6.4208,
6.1180

■ 109.1380, -5.9840,
6.0180

■ 84.8390, -5.8366,
5.4032

■ 61.5400, -5.6892,
4.7884

■ 39.6540, -5.2524,

4.6884

■ 18.4970, -7.1470,
5.7031

■ 0.0000, 0.0000,
0.0000

■ 215.2090, -7.0050,
6.8327

■ 215.2090, -7.0050,
6.8327

■ 207.4180,
-14.0101, 13.6654

■ 223.0000, 0.0000,
0.0000

■ 199.5130,
-21.4519, 20.5981

■ 230.9050, 7.4418,
-6.9327

■ 191.7220,
-28.4569, 27.4308

■ 237.2140, 8.7685,
-12.4657

■ 183.9310,
-35.4620, 34.2635

■ 242.4970, 6.1640,
-17.0989

■ 175.4390,
-42.6144, 41.7110

■ 245.4320, 4.7170,
-19.6729

■ 167.6480,
-49.6195, 48.5437

■ 159.8570,
-56.6245, 55.3764

■ 152.0660,
-63.6295, 62.2091

■ 144.1610,
-71.0714, 69.1418

Harmonies

Analogous

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



216.1710, -6.0003, 11.2510



215.2090, -7.0050, 6.8327



214.1050, -5.9678, 0.7849

Triad

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



215.2090, -7.0050, 6.8327



212.8350, 3.5323, -13.0103



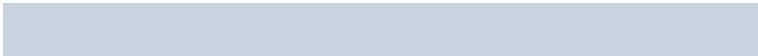
216.6570, 3.6201, 5.5628

Complementary

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



215.2090, -7.0050, 6.8327



208.7910, 7.0050, -6.8327

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.



215.8950, 5.9678, -0.7849



215.2090, -7.0050, 6.8327



213.5300, 6.1477, -11.8658

Square

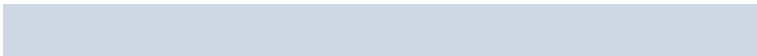
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



215.2090, -7.0050, 6.8327



212.6350, 0.1799, -11.0809



214.4920, 7.1524, -7.4475



216.4790, 0.2569, 10.9809

Rectangle

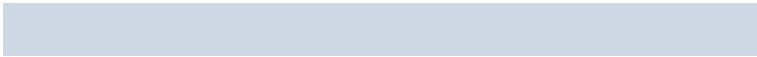
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



215.2090, -7.0050, 6.8327



213.8270, -4.3517, -4.2333



214.4920, 7.1524, -7.4475



215.9880, 4.9359, 3.5185

Sweetspot

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



215.2090, -7.0050, 6.8327



252.3270, -2.6262, 2.3442



208.6040, 0.6882, 12.6253



125.5550, -1.7526, 2.1443



0.0000, 0.0000, 0.0000



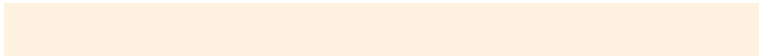
128.0000, 0.0000, 0.0000

Same Dimension

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



215.2090, -7.0050, 6.8327



243.8350, -9.7787, 9.7917



219.8940, -9.3147, 0.9700



108.3980, -3.6472, 3.1590



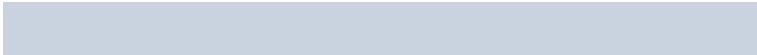
113.6720, -56.0403, 54.6617



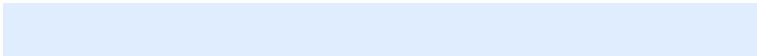
31.3750, -15.4679, 14.5801

Inverse Universe

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



208.7910, 7.0050, -6.8327



235.1650, 9.7787, -9.7917



204.1060, 9.3147, -0.9700



105.1890, 3.3578, -3.6738



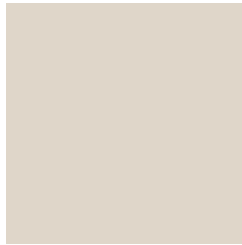
62.3280, 56.0403, -54.6617



17.2120, 15.1785, -15.0949

Previews

White Background



This preview shows how the YUV color 215.2090, -7.0050, 6.8327 looks on a white background.

Color Contrast Check

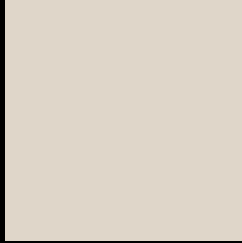
Large Text (above 18pt) WCAG AA × Fail

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 215.2090, -7.0050, 6.8327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

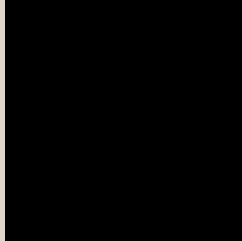
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

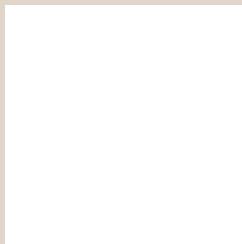
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 215.2090, -7.0050, 6.8327

Background



This preview shows how black text looks on a background with the YUV color 215.2090, -7.0050, 6.8327.

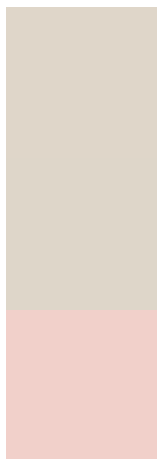


This preview shows how white text looks on a background with the YUV color 215.2090, -7.0050,

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

215.2090, -7.0050, 6.8327

Protanopia

214.9100, -6.8576, 6.2179

Deuteranopia

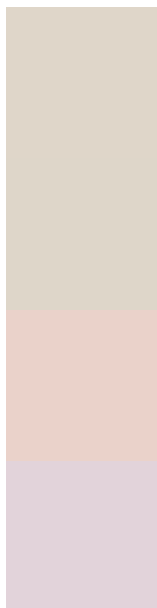
217.1830, -7.4852, 20.8875



Tritanopia

217.0210, 4.9196, 8.7516

Trichromacy



Original Color

215.2090, -7.0050, 6.8327

Protanomaly

214.9100, -6.8576, 6.2179

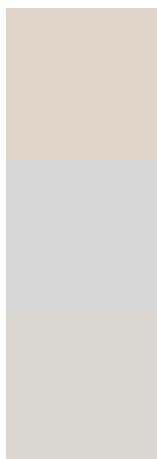
Deuteranomaly

216.2640, -7.0322, 15.5545

Tritanomaly

216.2830, 0.8465, 8.5218

Monochromacy



Original Color

215.2090, -7.0050, 6.8327

Achromatopsia

215.0000, 0.0000, 0.0000

Achromatomaly

215.3270, -2.6262, 2.3442

CSS Examples

Text

The CSS property to change the color of the text to YUV 215.2090, -7.0050, 6.8327 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(223, 214, 201)` looks like.

```
.text, #text, p{  
    color:rgb(223, 214, 201)  
}
```

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(223, 214, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 214, 201) }
```

Border

The CSS property to change the border of an element to YUV 215.2090, -7.0050, 6.8327 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(223, 214, 201) }
```


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

```
.border{ border-color:rgb(223, 214, 201) }
```

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

Here you see how a box with a 4 pixel rgb(223, 214, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 214, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 214, 201);  
box-shadow:4px 4px 4px 4px rgb(223, 214,  
201) }
```

Background

The CSS property to change the background color of an element to YUV 215.2090, -7.0050, 6.8327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 214, 201) }
```

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

```
.background{ background-color: rgb(223,  
214, 201) }
```

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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