

Converting Colors

YUV(200.1700, -21.2828,
13.0059)

Have a look what the booklet for
YUV(200.1700, -21.2828, 13.0059)
contains.

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Color

**YUV(200.1700, -21.2828,
13.0059)**

Conversions

Conversions Part 1

Format	Color
Hex	D7C99D
RGB	215, 201, 157
RGB Percent	84%, 79%, 62%
CMY	0.1569, 0.2118, 0.3843
CMYK	0.00, 0.07, 0.27, 0.16
HSL	46°, 42%, 73%
HSV	46°, 27%, 84%
XYZ	54.9968, 58.6547, 40.3211
YIQ	200.1700, 22.4680, -10.7160

Conversions

Conversions Part 2

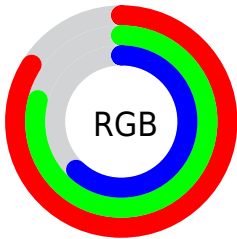
Format	Color
RYB	175, 215, 157
Decimal	14141853
CIELab	81.10, -1.89, 23.79
CIELCh	81, 23.869, 94.547
Yxy	58.6547, 0.3572, 0.3809
Android (android.graphics.Color)	4292331933 (0xFFD7C99D)
YUV	200.1700, -21.2828, 13.0059
Hunter-Lab	76.5863, -5.8450, 22.3955

Details

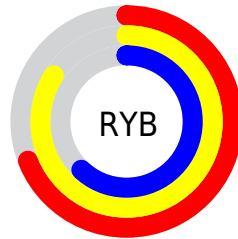
The YUV color $200.1700, -21.2828, 13.0059$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $171.8300, 21.2828, -13.0059$, and the grayscale version is $200.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.0980, -18.7823, 4.2991$, and $146.0990, -20.2618, 12.1912$ is the 20% darker color. If you saturate the color by 10%, you get $194.8410, -29.0086, 17.6794$, and if you desaturate by 10%, it is $205.6130, -13.1202, 8.2324$.

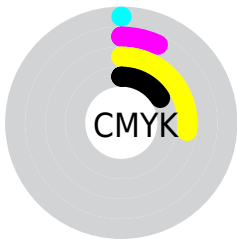
Distribution



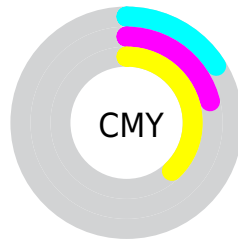
- Red (84%)
- Green (79%)
- Blue (62%)



- Red (69%)
- Yellow (84%)
- Blue (62%)



- Cyan (0%)
- Magenta (7%)
- Yellow (27%)
- Black (16%)



- Cyan (16%)
- Magenta (21%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 200.1700, -21.2828, 13.0059 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 200.1700, -21.2828, 13.0059 by changing the saturation by 10% instead.

■ 200.1700,
-21.2828, 13.0059

■ 200.1700,
-21.2828, 13.0059

255.0000, 0.0000,
0.0000

■ 172.9850,
-20.6986, 12.2912

■ 250.0980,
-18.7823, 4.2991

■ 146.0990,
-20.2618, 12.1912

■ 253.2900, -6.5520,
1.4997

■ 120.0280,
-19.2408, 11.3764

■ 95.5440, -18.5092,
10.0469

■ 71.3590, -17.9250,
9.3322

■ 48.8750, -17.1934,
8.0026

■ 28.3740, -13.9884,

6.6880

■ 3.2340, -1.5944,
-1.9592

■ 0.0000, 0.0000,
0.0000

■ 200.1700,
-21.2828, 13.0059

■ 200.1700,
-21.2828, 13.0059

■ 194.8410,
-29.0086, 17.6794

■ 205.6130,
-13.1202, 8.2324

■ 189.3980,
-37.1712, 22.4530

■ 210.9420, -5.3944,
3.5589

■ 183.4820,
-44.6076, 27.6413

■ 216.9720, 2.4788,
-1.7294

■ 178.0390,
-52.7702, 32.4148

■ 222.3010, 10.2046,
-6.4030

■ 172.5960,
-60.9328, 37.1883

■ 226.6040, 13.9992,
-10.1767

■ 167.2670,
-68.6586, 41.8618

■ 229.5390, 12.5523,
-12.7507

■ 161.8240,
-76.8212, 46.6354

■ 232.4740, 11.1053,
-15.3247

■ 159.9660,
-78.8632, 48.2648

■ 235.9960, 9.3690,
-18.4135

■ 238.9310, 7.9220,
-20.9875

Harmonies

Analogous

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



202.6110, -20.0212, 28.4052



200.1700, -21.2828, 13.0059



197.6020, -16.5658, -6.6670

Triad

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



200.1700, -21.2828, 13.0059



192.3560, 16.5865, -46.7932



205.2170, 7.7810, 24.3657

Complementary

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



200.1700, -21.2828, 13.0059



171.8300, 21.2828, -13.0059

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.



204.3870, 16.5712, 4.9226



200.1700, -21.2828, 13.0059



195.9040, 22.2323, -37.6268

Square

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



200.1700, -21.2828, 13.0059



192.2290, 5.8031, -41.4198



200.4380, 22.4621, -17.9241



205.4220, -3.1660, 35.5869

Rectangle

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



200.1700, -21.2828, 13.0059



195.5340, -10.1233, -19.7623



200.4380, 22.4621, -17.9241



205.3950, 11.1443, 18.9476

Sweetspot

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



200.1700, -21.2828, 13.0059



249.7850, -7.2890, 4.5736



176.0520, -1.9976, 34.1574



124.1700, -4.5208, 3.3589



0.0000, 0.0000, 0.0000



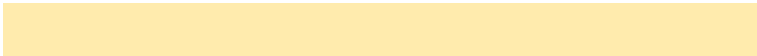
128.0000, 0.0000, 0.0000

Same Dimension

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



200.1700, -21.2828, 13.0059



233.9120, -30.0296, 18.4942



204.2020, -23.2706, -2.8082



104.5720, -4.2260, 2.1294



127.4390, -62.8274, 38.2030



32.2280, -15.8884, 9.4470

Inverse Universe

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



171.8300, 21.2828, -13.0059



194.0880, 30.0296, -18.4942



168.0970, 23.1232, 3.4229



99.0150, 3.9366, -2.6442



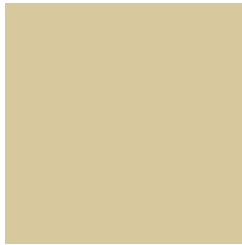
43.5610, 62.8274, -38.2030



10.7720, 15.8884, -9.4470

Previews

White Background



This preview shows how the YUV color 200.1700, -21.2828, 13.0059 looks on a white background.

Color Contrast Check

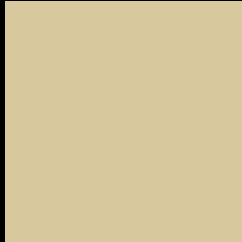
Large Text (above 18pt) WCAG AA × Fail

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 200.1700, -21.2828, 13.0059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

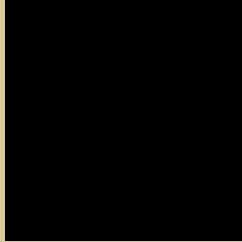
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 200.1700, -21.2828, 13.0059

Background



This preview shows how black text looks on a background with the YUV color 200.1700, -21.2828, 13.0059.



This preview shows how white text looks on a background with the YUV color 200.1700, -21.2828, 13.0059.

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

200.1700, -21.2828, 13.0059

Protanopia

200.1700, -21.2828, 13.0059

Deuteranopia

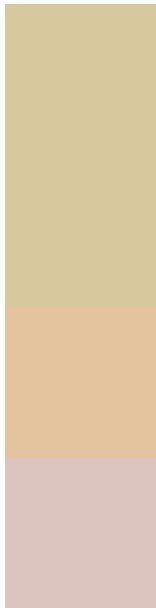
201.6820, -21.0422, 29.2199



Tritanopia

203.7830, 2.5720, 15.0993

Trichromacy



Original Color

200.1700, -21.2828, 13.0059

Protanomaly

200.1700, -21.2828, 13.0059

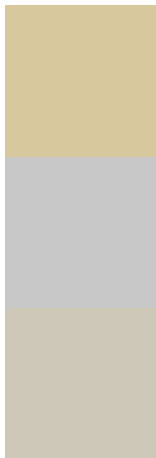
Deuteranomaly

201.2360, -21.3153, 23.4720

Tritanomaly

202.7800, -6.3005, 14.2249

Monochromacy



Original Color

200.1700, -21.2828, 13.0059

Achromatopsia

200.0000, 0.0000, 0.0000

Achromatomaly

199.6710, -7.7258, 4.6735

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.1700, -21.2828, 13.0059 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(215, 201, 157)` looks like.

```
.text, #text, p{  
    color:rgb(215, 201, 157)  
}
```

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(215, 201, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 201, 157) }
```

Border

The CSS property to change the border of an element to YUV 200.1700, -21.2828, 13.0059 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(215, 201, 157) }
```


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

```
.border{ border-color:rgb(215, 201, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 201, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 201, 157); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 201, 157); box-shadow:4px 4px 4px 4px rgb(215, 201, 157) }
```

Background

The CSS property to change the background color of an element to YUV 200.1700, -21.2828, 13.0059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 201, 157) }
```

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

```
.background{ background-color: rgb(215,  
201, 157) }
```

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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