

Converting Colors

YUV(199.7050, -9.2216,
17.7987)

Have a look what the booklet for
YUV(199.7050, -9.2216, 17.7987)
contains.

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Color

**YUV(199.7050, -9.2216,
17.7987)**

Conversions

Conversions Part 1

Format	Color
Hex	DCC1B5
RGB	220, 193, 181
RGB Percent	86%, 76%, 71%
CMY	0.1373, 0.2431, 0.2902
CMYK	0.00, 0.12, 0.18, 0.14
HSL	18°, 36%, 79%
HSV	18°, 18%, 86%
XYZ	56.9257, 56.6918, 51.6584
YIQ	199.7050, 19.9440, 1.9920

Conversions

Conversions Part 2

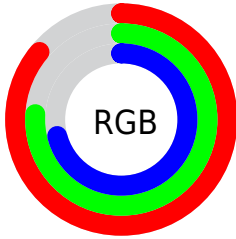
Format	Color
R _Y B	220, 198, 181
Decimal	14467509
CIE Lab	80.01, 7.64, 9.54
CIE LCh	80, 12.225, 51.293
Yxy	56.6918, 0.3444, 0.3430
Android (android.graphics.Color)	4292657589 (0xFFDCC1B5)
YUV	199.7050, -9.2216, 17.7987
Hunter-Lab	75.2939, 3.1898, 12.0275

Details

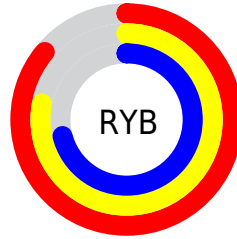
The YUV color $199.7050, -9.2216, 17.7987$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $201.2950, 9.2216, -17.7987$, and the grayscale version is $200.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.4260, -6.1260, 4.8884$, and $145.5200, -8.6374, 17.0840$ is the 20% darker color. If you saturate the color by 10%, you get $188.3920, -14.4903, 27.7202$, and if you desaturate by 10%, it is $211.0180, -3.9529, 7.8772$.

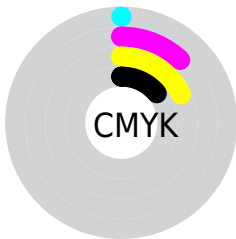
Distribution



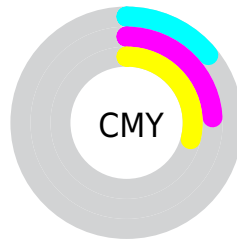
- Red (86%)
- Green (76%)
- Blue (71%)



- Red (86%)
- Yellow (78%)
- Blue (71%)



- Cyan (0%)
- Magenta (12%)
- Yellow (18%)
- Black (14%)



- Cyan (14%)
- Magenta (24%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.7050, -9.2216, 17.7987 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 199.7050, -9.2216, 17.7987 by changing the saturation by 10% instead.

 199.7050, -9.2216,
17.7987

 199.7050, -9.2216,
17.7987


255.0000, 0.0000,
0.0000


 172.4060, -9.0742,
17.1839


 249.4260, -6.1260,
4.8884

 145.5200, -8.6374,
17.0840

 119.9220, -8.3425,
15.8544

 94.7370, -7.7583,
15.1397

 71.1390, -7.4635,
13.9101

 48.9540, -6.8793,
13.1953

 27.2420, -7.0213,

12.0658

■ 5.3820, -2.6533,
11.0660

■ 0.0000, 0.0000,
0.0000

■ 199.7050, -9.2216,
17.7987

■ 199.7050, -9.2216,
17.7987

■ 188.3920,
-14.4903, 27.7202

■ 211.0180, -3.9529,
7.8772

■ 177.0790,
-19.7589, 37.6417

■ 222.3310, 1.3158,
-2.0443

■ 165.1790,
-24.7382, 48.0780

■ 234.2310, 6.2951,
-12.4806

■ 153.8660,
-30.0069, 57.9995

■ 243.9480, 5.4486,
-21.0024

■ 142.5530,
-35.2756, 67.9210

■ 244.5350, 5.1592,
-21.5172

■ 131.2400,
-40.5443, 77.8425

■ 119.3400,
-45.5236, 88.2788

■ 108.0270,
-50.7923, 98.2003

■ 105.6960,
-52.1081, 100.2446

Harmonies

Analogous

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



200.5680, -4.7170, 19.6729



199.7050, -9.2216, 17.7987



198.2050, -10.9471, 11.2212

Triad

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



199.7050, -9.2216, 17.7987



194.8900, 0.0542, -17.4435



199.5080, 9.6096, -2.1995

Complementary

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



199.7050, -9.2216, 17.7987



201.2950, 9.2216, -17.7987

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.



197.3110, 11.6787, -12.5507



199.7050, -9.2216, 17.7987



194.6490, 5.5960, -21.6172

Square

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



199.7050, -9.2216, 17.7987



195.7510, -5.7932, -8.5516



195.5120, 10.1006, -19.7430



200.3630, 6.2300, 8.4516

Rectangle

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



199.7050, -9.2216, 17.7987



197.5740, -10.6360, 4.7586



195.5120, 10.1006, -19.7430



198.8280, 10.9308, -5.9882

Sweetspot

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



199.7050, -9.2216, 17.7987



248.2350, -3.0739, 5.9329



195.7390, 6.0447, 21.2769



123.5660, -1.7580, 3.8886



0.0000, 0.0000, 0.0000



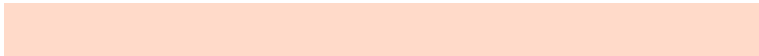
128.0000, 0.0000, 0.0000

Same Dimension

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



199.7050, -9.2216, 17.7987



227.1250, -12.8796, 24.4464



210.8580, -14.7200, 8.0175



104.0500, -2.4896, 5.2182



82.8380, -40.8391, 79.0721



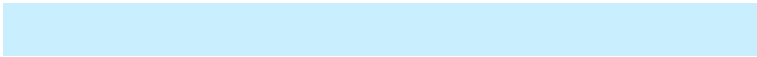
21.9720, -10.8322, 21.0726

Inverse Universe

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



201.2950, 9.2216, -17.7987



229.4620, 12.5902, -24.9612



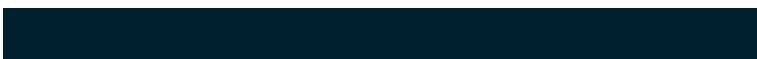
190.1420, 14.7200, -8.0175



104.3630, 2.7790, -4.7034



90.1620, 40.8391, -79.0721



24.0280, 10.8322, -21.0726

Previews

White Background



This preview shows how the YUV color 199.7050, -9.2216, 17.7987 looks on a white background.

Color Contrast Check

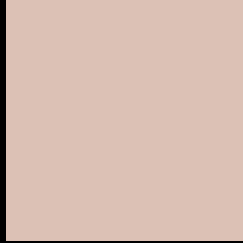
Large Text (above 18pt) WCAG AA × Fail

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 199.7050, -9.2216, 17.7987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

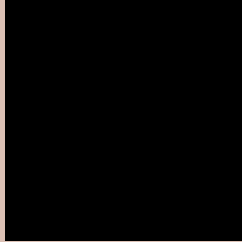
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 199.7050, -9.2216, 17.7987

Background



This preview shows how black text looks on a background with the YUV color 199.7050, -9.2216, 17.7987.



This preview shows how white text looks on a background with the YUV color 199.7050, -9.2216,

17.7987.

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

199.7050, -9.2216, 17.7987

Protanopia

198.7960, -7.2944, 6.3179

Deuteranopia

199.7270, -9.2324, 21.2874



Tritanopia

201.4630, 1.2507, 18.8879

Trichromacy



Original Color

199.7050, -9.2216, 17.7987

Protanomaly

199.0030, -7.8895, 10.5214

Deuteranomaly

200.0150, -9.3744, 20.1578

Tritanomaly

200.8390, -2.3856, 18.5582

Monochromacy



Original Color

199.7050, -9.2216, 17.7987

Achromatopsia

200.0000, 0.0000, 0.0000

Achromatomaly

199.5340, -3.2213, 6.5477

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.7050, -9.2216, 17.7987 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(220, 193, 181)` looks like.

```
.text, #text, p{  
    color:rgb(220, 193, 181)  
}
```

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(220, 193, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 193, 181) }
```

Border

The CSS property to change the border of an element to YUV 199.7050, -9.2216, 17.7987 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(220, 193, 181) }
```


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

```
.border{ border-color:rgb(220, 193, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 193, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 193, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 193, 181);  
box-shadow:4px 4px 4px 4px rgb(220, 193,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 199.7050, -9.2216, 17.7987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 193, 181) }
```

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

```
.background{ background-color: rgb(220,  
193, 181) }
```

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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