

Converting Colors

YUV(198.4950, -17.4990,
12.7209)

Have a look what the booklet for
YUV(198.4950, -17.4990, 12.7209)
contains.

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Color

**YUV(198.4950, -17.4990,
12.7209)**

Conversions

Conversions Part 1

Format	Color
Hex	D5C6A3
RGB	213, 198, 163
RGB Percent	84%, 78%, 64%
CMY	0.1647, 0.2235, 0.3608
CMYK	0.00, 0.07, 0.23, 0.16
HSL	42°, 37%, 74%
HSV	42°, 23%, 84%
XYZ	54.2455, 57.1786, 42.8279
YIQ	198.4950, 20.1750, -7.7050

Conversions

Conversions Part 2

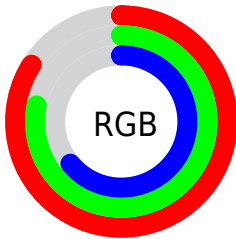
Format	Color
RYB	184, 213, 163
Decimal	14010019
CIELab	80.28, -0.26, 19.46
CIELCh	80, 19.463, 90.758
Yxy	57.1786, 0.3517, 0.3707
Android (android.graphics.Color)	4292200099 (0xFFD5C6A3)
YUV	198.4950, -17.4990, 12.7209
Hunter-Lab	75.6166, -4.2773, 19.3508

Details

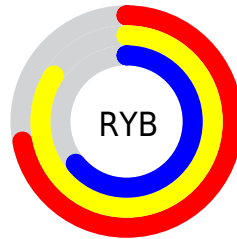
The YUV color **198.4950, -17.4990, 12.7209** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **177.5050, 17.4990, -12.7209**, and the grayscale version is **199.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **250.7820, -16.1615, 3.6992**, and **144.4240, -16.4780, 11.9062** is the 20% darker color. If you saturate the color by 10%, you get **192.5790, -24.9354, 17.9092**, and if you desaturate by 10%, it is **204.4110, -10.0626, 7.5326**.

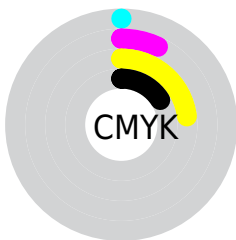
Distribution



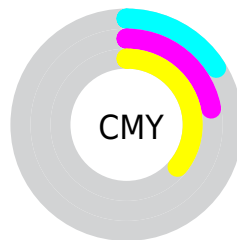
- Red (84%)
- Green (78%)
- Blue (64%)



- Red (72%)
- Yellow (84%)
- Blue (64%)



- Cyan (0%)
- Magenta (7%)
- Yellow (23%)
- Black (16%)



- Cyan (16%)
- Magenta (22%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.4950, -17.4990, 12.7209 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 198.4950, -17.4990, 12.7209 by changing the saturation by 10% instead.

■ 198.4950,
-17.4990, 12.7209

■ 198.4950,
-17.4990, 12.7209

255.0000, 0.0000,
0.0000

■ 171.3100,
-16.9148, 12.0061

■ 250.7820,
-16.1615, 3.6992

■ 144.4240,
-16.4780, 11.9062

■ 254.0880, -3.4944,
0.7998

■ 118.9400,
-15.7464, 10.5766

■ 94.0540, -15.3096,
10.4766

■ 69.9830, -14.2886,
9.6619

■ 47.4990, -13.5570,
8.3324

■ 26.6130, -13.1202,

8.2324

■ 0.8860, -0.4368,
0.1000

■ 0.0000, 0.0000,
0.0000

■ 198.4950,
-17.4990, 12.7209

■ 198.4950,
-17.4990, 12.7209

■ 192.5790,
-24.9354, 17.9092

■ 204.4110,
-10.0626, 7.5326

■ 185.9620,
-32.5193, 23.7123

■ 211.0280, -2.4788,
1.7294

■ 180.0460,
-39.9557, 28.9007

■ 216.9440, 4.9576,
-3.4589

■ 173.5430,
-47.1027, 34.6038

■ 223.4470, 12.1046,
-9.1620

■ 167.5130,
-54.9759, 39.8921

■ 227.7670, 13.4259,
-12.9507

■ 161.5970,
-62.4123, 45.0804

■ 231.2890, 11.6895,
-16.0395

■ 155.0940,
-69.5593, 50.7836

■ 235.3980, 9.6638,
-19.6430

■ 151.1500,
-74.5169, 54.2425

■ 238.9200, 7.9274,
-22.7318

■ 242.4420, 6.1911,
-25.8206

Harmonies

Analogous

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



200.3270, -15.9372, 25.1462



198.4950, -17.4990, 12.7209



196.6070, -14.1033, -3.1633

Triad

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



198.4950, -17.4990, 12.7209



192.5700, 12.0440, -36.4569



202.3580, 7.2185, 18.1030

Complementary

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



198.4950, -17.4990, 12.7209



177.5050, 17.4990, -12.7209

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.



200.7950, 14.3981, 1.9338



198.4950, -17.4990, 12.7209



194.6830, 17.4113, -31.2940

Square

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



198.4950, -17.4990, 12.7209



192.6000, 3.1552, -32.0982



198.2980, 18.0941, -16.9243



202.7200, -1.8340, 28.3096

Rectangle

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



198.4950, -17.4990, 12.7209



195.0940, -9.4133, -14.1144



198.2980, 18.0941, -16.9243



202.3080, 9.7082, 12.8849

Sweetspot

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



198.4950, -17.4990, 12.7209



250.0130, -6.4154, 4.3736



179.6600, -0.8184, 29.2392



124.3980, -3.6472, 3.1590



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.



198.4950, -17.4990, 12.7209



234.5790, -24.9354, 17.9092



204.3100, -20.3658, -1.1489



103.9850, -3.9366, 2.6442



121.5690, -59.9335, 43.3510



30.4670, -15.0202, 10.9914

Inverse Universe

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



177.5050, 17.4990, -12.7209



204.4210, 24.9354, -17.9092



171.6900, 20.3658, 1.1489



99.6020, 3.6472, -3.1590



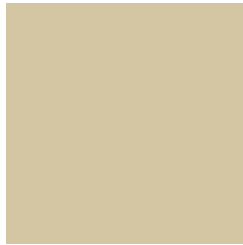
49.4310, 59.9335, -43.3510



12.5330, 15.0202, -10.9914

Previews

White Background



This preview shows how the YUV color 198.4950, -17.4990, 12.7209 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 198.4950, -17.4990, 12.7209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

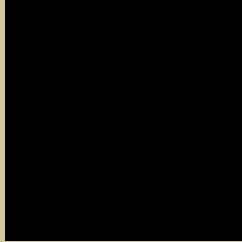
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 198.4950, -17.4990, 12.7209

Background



This preview shows how black text looks on a background with the YUV color 198.4950, -17.4990, 12.7209.



This preview shows how white text looks on a background with the YUV color 198.4950, -17.4990, 12.7209.

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

198.4950, -17.4990, 12.7209

Protanopia

198.4840, -17.4936, 10.9765

Deuteranopia

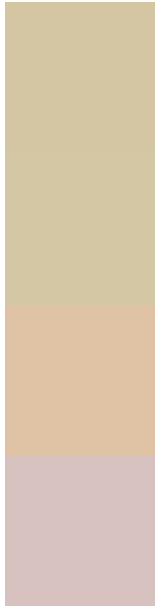
199.8820, -17.6898, 27.2905



Tritanopia

201.4840, 2.7194, 14.4845

Trichromacy



Original Color

198.4950, -17.4990, 12.7209

Protanomaly

198.7830, -17.6410, 11.5913

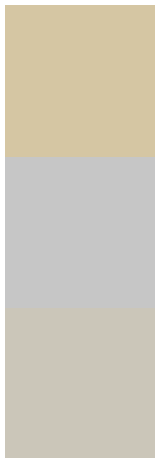
Deuteranomaly

199.5500, -17.5261, 21.4427

Tritanomaly

200.2360, -4.5533, 13.8250

Monochromacy



Original Color

198.4950, -17.4990, 12.7209

Achromatopsia

198.0000, 0.0000, 0.0000

Achromatomaly

198.0130, -6.4154, 4.3736

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.4950, -17.4990, 12.7209 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(213, 198, 163)` looks like.

```
.text, #text, p{  
    color:rgb(213, 198, 163)  
}
```

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(213, 198, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 198, 163) }
```

Border

The CSS property to change the border of an element to YUV 198.4950, -17.4990, 12.7209 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(213, 198, 163) }
```


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

```
.border{ border-color:rgb(213, 198, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 198, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 198, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 198, 163);  
box-shadow:4px 4px 4px 4px rgb(213, 198,  
163) }
```

Background

The CSS property to change the background color of an element to YUV 198.4950, -17.4990, 12.7209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 198, 163) }
```

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

```
.background{ background-color: rgb(213,  
198, 163) }
```

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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