

Converting Colors

YUV(210.9840, -19.2191,
4.3990)

Have a look what the booklet for
YUV(210.9840, -19.2191, 4.3990)
contains.

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Color

**YUV(210.9840, -19.2191,
4.3990)**

Conversions

Conversions Part 1

Format	Color
Hex	D8D8AC
RGB	216, 216, 172
RGB Percent	85%, 85%, 67%
CMY	0.1529, 0.1529, 0.3255
CMYK	0.00, 0.00, 0.20, 0.15
HSL	60°, 36%, 76%
HSV	60°, 20%, 85%
XYZ	60.3212, 66.6892, 48.7228
YIQ	210.9840, 14.1240, -13.6840

Conversions

Conversions Part 2

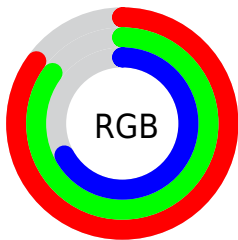
Format	Color
RYB	172, 216, 172
Decimal	14211244
CIELab	85.35, -7.16, 21.76
CIELCh	85, 22.908, 108.207
Yxy	66.6892, 0.3433, 0.3795
Android (android.graphics.Color)	4292401324 (0xFFD8D8AC)
YUV	210.9840, -19.2191, 4.3990
Hunter-Lab	81.6635, -11.0611, 21.7903

Details

The YUV color $210.9840, -19.2191, 4.3990$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $177.0160, 19.2191, -4.3990$, and the grayscale version is $211.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.9220, -11.7935, 2.6994$, and $156.3260, -17.9087, 4.0991$ is the 20% darker color. If you saturate the color by 10%, you get $208.4760, -28.8287, 6.5985$, and if you desaturate by 10%, it is $213.4920, -9.6096, 2.1995$.

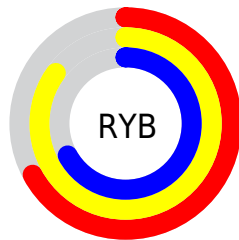
Distribution



Red (85%)

Green (85%)

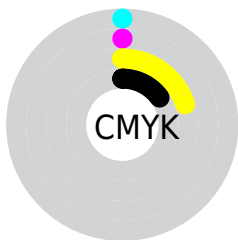
Blue (67%)



Red (67%)

Yellow (85%)

Blue (67%)

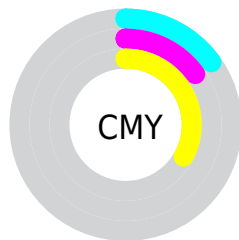


Cyan (0%)

Magenta (0%)

Yellow (20%)

Black (15%)



Cyan (15%)

Magenta (15%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 210.9840, -19.2191, 4.3990 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 210.9840, -19.2191, 4.3990 by changing the saturation by 10% instead.

■ 210.9840,
-19.2191, 4.3990

■ 210.9840,
-19.2191, 4.3990

255.0000, 0.0000,
0.0000

■ 183.0980,
-18.7823, 4.2991

■ 251.9220,
-11.7935, 2.6994

■ 156.3260,
-17.9087, 4.0991

■ 130.1410,
-17.3245, 3.3843

■ 105.2550,
-16.8877, 3.2844

■ 81.0700, -16.3035,
2.5696

■ 57.2980, -15.4299,
2.3697

■ 35.5430, -17.0297,

2.1548

■ 15.6160, -7.6987,
-4.0482

■ 0.0000, 0.0000,
0.0000

■ 210.9840,
-19.2191, 4.3990

■ 210.9840,
-19.2191, 4.3990

■ 208.4760,
-28.8287, 6.5985

■ 213.4920, -9.6096,
2.1995

■ 206.0820,
-38.0014, 8.6981

■ 215.8860, -0.4368,
0.1000

■ 203.5740,
-47.6110, 10.8976

■ 218.3940, 9.1728,
-2.0995

■ 201.1800,
-56.7837, 12.9971

■ 220.4460, 17.0351,
-3.8991

■ 198.6720,
-66.3933, 15.1967

■ 196.1640,
-76.0029, 17.3962

■ 193.7700,
-85.1756, 19.4957

■ 191.3760,
-94.3484, 21.5952

Harmonies

Analogous

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



213.3390, -20.8731, 21.6277



210.9840, -19.2191, 4.3990



208.3990, -12.0287, -15.2589

Triad

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



210.9840, -19.2191, 4.3990



206.0730, 19.1910, -42.1600



217.5830, 2.6706, 30.1837

Complementary

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



210.9840, -19.2191, 4.3990



177.0160, 19.2191, -4.3990

Split Complementary

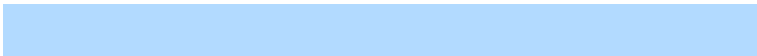
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



217.0030, 12.3235, 14.0294



210.9840, -19.2191, 4.3990



210.2580, 22.0578, -28.2903

Square

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



210.9840, -19.2191, 4.3990



204.7710, 10.4659, -43.6492



214.4070, 19.5193, -7.3729



215.3850, -7.0918, 34.7424

Rectangle

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



210.9840, -19.2191, 4.3990



206.4560, -5.1548, -26.7099



214.4070, 19.5193, -7.3729



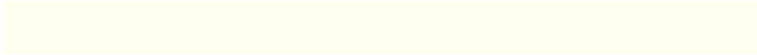
217.4730, 6.1758, 25.8952

Sweetspot

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



210.9840, -19.2191, 4.3990



253.2900, -6.5520, 1.4997



185.1560, -6.4859, 27.0502



126.9740, -3.9312, 0.8998



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.



210.9840, -19.2191, 4.3990



248.0460, -26.6447, 6.0987



204.4060, -15.9762, -9.1261



105.7460, -4.8048, 1.0998



151.5060, -74.6925, 17.0962



38.0980, -18.7823, 4.2991

Inverse Universe

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



177.0160, 19.2191, -4.3990



200.9540, 26.6447, -6.0987



183.5940, 15.9762, 9.1261



97.2540, 4.8048, -1.0998



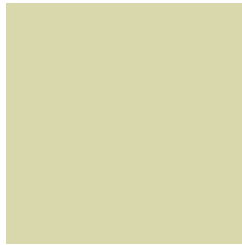
19.4940, 74.6925, -17.0962



4.9020, 18.7823, -4.2991

Previews

White Background



This preview shows how the YUV color 210.9840, -19.2191, 4.3990 looks on a white background.

Color Contrast Check

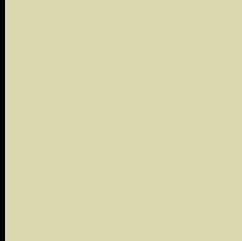
Large Text (above 18pt) WCAG AA × Fail

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 210.9840, -19.2191, 4.3990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

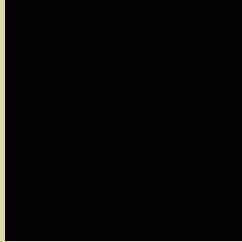
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

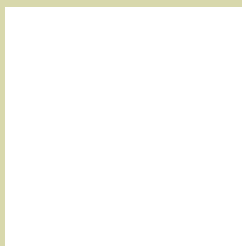
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 210.9840, -19.2191, 4.3990

Background



This preview shows how black text looks on a background with the YUV color 210.9840, -19.2191, 4.3990.



This preview shows how white text looks on a background with the YUV color 210.9840, -19.2191, 4.3990.

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

210.9840, -19.2191, 4.3990

Protanopia

211.9850, -20.6986, 12.2912

Deuteranopia

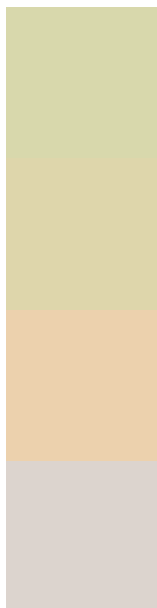
214.0240, -19.7318, 28.9200



Tritanopia

215.0100, 4.9251, 7.0072

Trichromacy



Original Color

210.9840, -19.2191, 4.3990

Protanomaly

211.4900, -19.9616, 9.2173

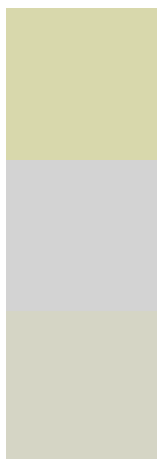
Deuteranomaly

212.9690, -19.7047, 20.1982

Tritanomaly

213.7080, -3.8000, 5.5181

Monochromacy



Original Color

210.9840, -19.2191, 4.3990

Achromatopsia

211.0000, 0.0000, 0.0000

Achromatomaly

211.1760, -6.9888, 1.5996

CSS Examples

Text

The CSS property to change the color of the text to YUV 210.9840, -19.2191, 4.3990 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(216, 216, 172)` looks like.

```
.text, #text, p{  
    color:rgb(216, 216, 172)  
}
```

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(216, 216, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 216, 172) }
```

Border

The CSS property to change the border of an element to YUV 210.9840, -19.2191, 4.3990 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(216, 216, 172) }
```


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

```
.border{ border-color:rgb(216, 216, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 216, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 216, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 216, 172);  
box-shadow:4px 4px 4px 4px rgb(216, 216,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 210.9840, -19.2191, 4.3990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 216, 172) }
```

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

```
.background{ background-color: rgb(216,  
216, 172) }
```

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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