

Converting Colors

YUV(210.7450, -20.0873,
2.8546)

Have a look what the booklet for
YUV(210.7450, -20.0873, 2.8546)
contains.

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Color

**YUV(210.7450, -20.0873,
2.8546)**

Conversions

Conversions Part 1

Format	Color
Hex	D6D9AA
RGB	214, 217, 170
RGB Percent	84%, 85%, 67%
CMY	0.1608, 0.1490, 0.3333
CMYK	0.01, 0.00, 0.22, 0.15
HSL	64°, 38%, 76%
HSV	64°, 22%, 85%
XYZ	59.8001, 66.8241, 47.7768
YIQ	210.7450, 13.2990, -15.2530

Conversions

Conversions Part 2

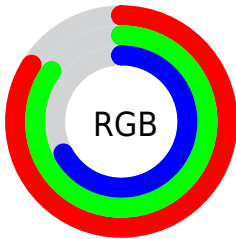
Format	Color
RYB	170, 217, 173
Decimal	14080426
CIELab	85.42, -8.69, 22.88
CIELCh	85, 24.471, 110.807
Yxy	66.8241, 0.3429, 0.3832
Android (android.graphics.Color)	4292270506 (0xFFD6D9AA)
YUV	210.7450, -20.0873, 2.8546
Hunter-Lab	81.7460, -12.4765, 22.5700

Details

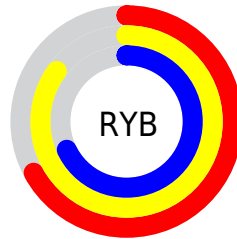
The YUV color $210.7450, -20.0873, 2.8546$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $176.2550, 20.0873, -2.8546$, and the grayscale version is $211.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.5800, -13.1039, 2.9993$, and $156.0870, -18.7769, 2.5547$ is the 20% darker color. If you saturate the color by 10%, you get $207.9380, -29.5494, 4.4394$, and if you desaturate by 10%, it is $213.5520, -10.6251, 1.2699$.

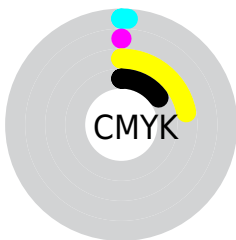
Distribution



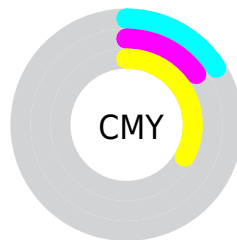
- Red (84%)
- Green (85%)
- Blue (67%)



- Red (67%)
- Yellow (85%)
- Blue (68%)



- Cyan (1%)
- Magenta (0%)
- Yellow (22%)
- Black (15%)



- Cyan (16%)
- Magenta (15%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 210.7450, -20.0873, 2.8546 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 210.7450, -20.0873, 2.8546 by changing the saturation by 10% instead.

■ 210.7450,
-20.0873, 2.8546

■ 210.7450,
-20.0873, 2.8546

255.0000, 0.0000,
0.0000

■ 182.8590,
-19.6505, 2.7547

■ 251.5800,
-13.1039, 2.9993

■ 156.0870,
-18.7769, 2.5547

254.8860, -0.4368,
0.1000

■ 129.9020,
-18.1927, 1.8399

■ 105.0160,
-17.7559, 1.7400

■ 80.2440, -16.8823,
1.5400

■ 57.0590, -16.2981,
0.8253

■ 35.1300, -17.3191,

1.6400

■ 15.3060, -7.5459,
-6.4074

■ 0.0000, 0.0000,
0.0000

■ 210.7450,
-20.0873, 2.8546

■ 210.7450,
-20.0873, 2.8546

■ 207.9380,
-29.5494, 4.4394

■ 213.5520,
-10.6251, 1.2699

■ 204.9460,
-38.4274, 5.3094

■ 216.5440, -1.7472,
0.3999

■ 202.1390,
-47.8895, 6.8941

■ 219.3510, 7.7150,
-1.1848

■ 199.0330,
-57.2043, 7.8641

■ 222.2290, 16.1561,
-1.9548

■ 196.2260,
-66.6664, 9.4488

■ 222.5280, 16.0087,
-1.3401

■ 193.5330,
-75.6918, 10.9336

■ 222.8270, 15.8613,
-0.7253

■ 190.4270,
-85.0065, 11.9035

■ 223.4250, 15.5665,
0.5043

■ 188.0760,
-92.7215, 13.0883

■ 223.7240, 15.4191,
1.1191

■ 224.0230, 15.2717,
1.7338

Harmonies

Analogous

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



212.9970, -22.1835, 21.9276



210.7450, -20.0873, 2.8546



207.7900, -11.7285, -18.2328

Triad

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



210.7450, -20.0873, 2.8546



206.1050, 20.6542, -44.8191



217.7790, 2.0810, 32.6428

Complementary

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



210.7450, -20.0873, 2.8546



176.2550, 20.0873, -2.8546

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.



217.1390, 12.7495, 17.4181



210.7450, -20.0873, 2.8546



209.9590, 22.2052, -28.9050

Square

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



210.7450, -20.0873, 2.8546



204.2050, 12.2239, -47.5378



214.5320, 19.9507, -5.7286



215.0430, -8.4022, 35.0423

Rectangle

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



210.7450, -20.0873, 2.8546



206.2490, -4.5598, -30.9134



214.5320, 19.9507, -5.7286



217.6690, 5.5862, 28.3543

Sweetspot

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



210.7450, -20.0873, 2.8546



252.9910, -6.4046, 0.8849



185.2270, -7.5069, 27.8649



126.6750, -3.7838, 0.2850



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.



210.7450, -20.0873, 2.8546



246.2800, -28.2390, 4.1394



203.8680, -16.6969, -11.2852



108.4470, -4.6574, 0.4850



149.9890, -73.9446, 10.5336



39.8590, -19.6505, 2.7547

Inverse Universe

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



176.2550, 20.0873, -2.8546



197.7200, 28.2390, -4.1394



183.1320, 16.6969, 11.2852



100.2540, 4.8048, -1.0998



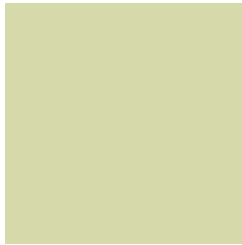
23.0110, 73.9446, -10.5336



6.1410, 19.6505, -2.7547

Previews

White Background



This preview shows how the YUV color 210.7450, -20.0873, 2.8546 looks on a white background.

Color Contrast Check

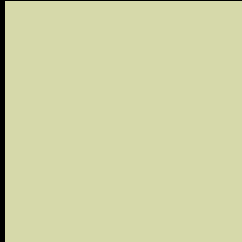
Large Text (above 18pt) WCAG AA × Fail

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 210.7450, -20.0873, 2.8546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

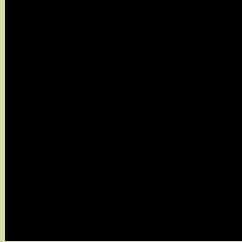
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 210.7450, -20.0873, 2.8546

Background



This preview shows how black text looks on a background with the YUV color 210.7450, -20.0873, 2.8546.



This preview shows how white text looks on a background with the YUV color 210.7450, -20.0873, 2.8546.

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

210.7450, -20.0873, 2.8546

Protanopia

212.0560, -21.7196, 13.1059

Deuteranopia

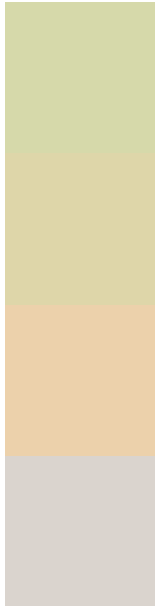
214.0950, -20.7528, 29.7347



Tritanopia

214.5260, 5.6567, 5.6777

Trichromacy



Original Color

210.7450, -20.0873, 2.8546

Protanomaly

211.2620, -20.8352, 9.4172

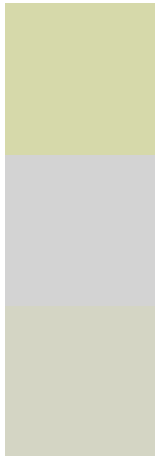
Deuteranomaly

212.7410, -20.5783, 20.3981

Tritanomaly

213.1100, -3.5052, 4.2885

Monochromacy



Original Color

210.7450, -20.0873, 2.8546

Achromatopsia

211.0000, 0.0000, 0.0000

Achromatomaly

210.7630, -7.2782, 1.0848

CSS Examples

Text

The CSS property to change the color of the text to YUV 210.7450, -20.0873, 2.8546 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(214, 217, 170)` looks like.

```
.text, #text, p{  
    color:rgb(214, 217, 170)  
}
```

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(214, 217, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 217, 170) }
```

Border

The CSS property to change the border of an element to YUV 210.7450, -20.0873, 2.8546 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(214, 217, 170) }
```


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

```
.border{ border-color:rgb(214, 217, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 217, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 217, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 217, 170);  
box-shadow:4px 4px 4px 4px rgb(214, 217,  
170) }
```

Background

The CSS property to change the background color of an element to YUV 210.7450, -20.0873, 2.8546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 217, 170) }
```

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

```
.background{ background-color: rgb(214,  
217, 170) }
```

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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