

Converting Colors

YUV(212.8270, -4.3517, -4.2333)

Have a look what the booklet for
YUV(212.8270, -4.3517, -4.2333)
contains.

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Color

**YUV(212.8270, -4.3517,
-4.2333)**

Conversions

Conversions Part 1

Format	Color
Hex	D0D9CC
RGB	208, 217, 204
RGB Percent	82%, 85%, 80%
CMY	0.1843, 0.1490, 0.2000
CMYK	0.04, 0.00, 0.06, 0.15
HSL	102°, 15%, 83%
HSV	102°, 6%, 85%
XYZ	61.7244, 67.3952, 66.8821
YIQ	212.8270, -1.1910, -5.9510

Conversions

Conversions Part 2

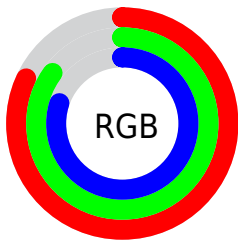
Format	Color
R_YB	204, 217, 213
Decimal	13687244
CIE Lab	85.70, -5.39, 5.34
CIE LCh	86, 7.584, 135.263
Yxy	67.3952, 0.3149, 0.3439
Android (android.graphics.Color)	4291877324 (0xFFD0D9CC)
YUV	212.8270, -4.3517, -4.2333
Hunter-Lab	82.0946, -9.4570, 9.1629

Details

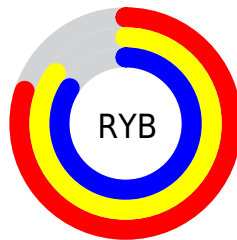
The YUV color $212.8270, -4.3517, -4.2333$ is a light color, and the websafe version is hex $CCCCCC$. A complement of this color would be $208.1730, 4.3517, 4.2333$, and the grayscale version is $213.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $158.2400, -4.0623, -3.7185$ is the 20% darker color. If you saturate the color by 10%, you get $205.8340, -11.7502, -11.2554$, and if you desaturate by 10%, it is $219.8200, 3.0467, 2.7889$.

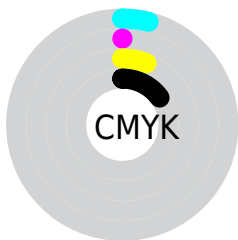
Distribution



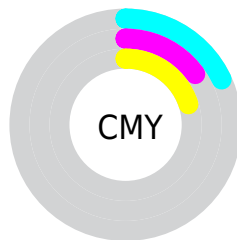
- Red (82%)
- Green (85%)
- Blue (80%)



- Red (80%)
- Yellow (85%)
- Blue (84%)



- Cyan (4%)
- Magenta (0%)
- Yellow (6%)
- Black (15%)



- Cyan (18%)
- Magenta (15%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.8270, -4.3517, -4.2333 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 212.8270, -4.3517, -4.2333 by changing the saturation by 10% instead.

■ 212.8270, -4.3517,
-4.2333

■ 212.8270, -4.3517,
-4.2333

255.0000, 0.0000,
0.0000

■ 184.9410, -3.9149,
-4.3333

■ 158.2400, -4.0623,
-3.7185

■ 132.2400, -4.0623,
-3.7185

■ 107.2400, -4.0623,
-3.7185

■ 82.6530, -3.7729,
-3.2037

■ 59.7670, -3.3361,
-3.3037

■ 37.7670, -3.3361,

-3.3037

■ 17.1260, -4.4991,
-3.6185

■ 0.0000, 0.0000,
0.0000

■ 212.8270, -4.3517,
-4.2333

■ 212.8270, -4.3517,
-4.2333

■ 205.8340,
-11.7502, -11.2554

■ 219.8200, 3.0467,
2.7889

■ 198.9550,
-18.7118, -18.3775

■ 226.6990, 10.0084,
9.9110

■ 191.9620,
-26.1103, -25.3997

■ 232.0960, 11.2917,
18.3328

■ 184.9690,
-33.5087, -32.4218

■ 232.6940, 10.9969,
19.5624

■ 178.0900,
-40.4704, -39.5439

■ 171.0970,
-47.8688, -46.5661

■ 164.1040,
-55.2673, -53.5882

■ 157.1110,
-62.6657, -60.6103

■ 150.2320,
-69.6274, -67.7325

Harmonies

Analogous

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



213.5890, -6.6994, 2.1144



212.8270, -4.3517, -4.2333



212.0050, -0.9885, -9.6514

Triad

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



212.8270, -4.3517, -4.2333



213.4810, 7.1579, -9.1918



216.0940, -2.5113, 12.1956

Complementary

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



212.8270, -4.3517, -4.2333



208.1730, 4.3517, 4.2333

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.



215.9950, 0.9885, 9.6514



212.8270, -4.3517, -4.2333



214.6990, 6.5574, -3.2440

Square

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



212.8270, -4.3517, -4.2333



212.7040, 5.5689, -12.8954



215.1730, 4.3517, 4.2333



215.5840, -5.7109, 11.7658

Rectangle

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



212.8270, -4.3517, -4.2333



212.2650, 1.3484, -12.5104



215.1730, 4.3517, 4.2333



215.7350, -1.3484, 12.5104

Sweetspot

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



212.8270, -4.3517, -4.2333



253.2340, -1.5944, -1.9592



213.1700, -4.5208, 3.3589



127.0600, -1.0156, -0.9296



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.



212.8270, -4.3517, -4.2333



249.3600, -6.0935, -5.5777



211.8590, -2.8885, -6.8923



107.1800, -3.0467, -2.7889



117.3980, -57.8772, -56.4770



31.1880, -15.3757, -15.0739

Inverse Universe

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



208.1730, 4.3517, 4.2333



242.9390, 5.9461, 6.1925



209.1410, 2.8885, 6.8923



103.8200, 3.0467, 2.7889



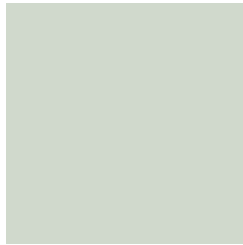
55.6020, 57.8772, 56.4770



14.8120, 15.3757, 15.0739

Previews

White Background



This preview shows how the YUV color 212.8270, -4.3517, -4.2333 looks on a white background.

Color Contrast Check

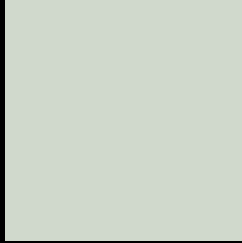
Large Text (above 18pt) WCAG AA × Fail

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 212.8270, -4.3517, -4.2333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

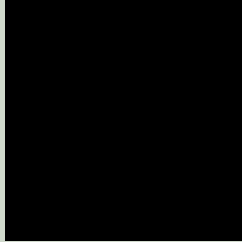
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

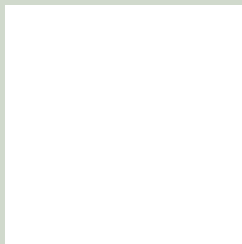
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 212.8270, -4.3517, -4.2333

Background



This preview shows how black text looks on a background with the YUV color 212.8270, -4.3517, -4.2333.



This preview shows how white text looks on a background with the YUV color 212.8270, -4.3517, -4.2333.

-4.2333.

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

212.8270, -4.3517, -4.2333

Protanopia

214.1380, -5.9840, 6.0180

Deuteranopia

216.1550, -5.0064, 19.1581



Tritanopia

214.6390, 7.5730, -2.3144

Trichromacy



Original Color

212.8270, -4.3517, -4.2333

Protanomaly

213.3440, -5.0996, 2.3293

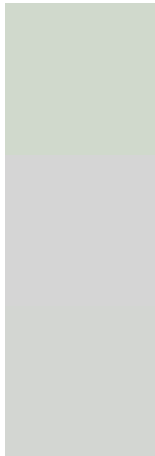
Deuteranomaly

215.1000, -4.9793, 10.4363

Tritanomaly

213.9010, 3.4998, -2.5442

Monochromacy



Original Color

212.8270, -4.3517, -4.2333

Achromatopsia

213.0000, 0.0000, 0.0000

Achromatomaly

212.6470, -1.3050, -1.4444

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.8270, -4.3517, -4.2333 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(208, 217, 204)` looks like.

```
.text, #text, p{  
    color:rgb(208, 217, 204)  
}
```

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(208, 217, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 217, 204) }
```

Border

The CSS property to change the border of an element to YUV 212.8270, -4.3517, -4.2333 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(208, 217, 204) }
```


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

```
.border{ border-color:rgb(208, 217, 204) }
```

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

Here you see how a box with a 4 pixel rgb(208, 217, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 217, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 217, 204);  
box-shadow:4px 4px 4px 4px rgb(208, 217,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 212.8270, -4.3517, -4.2333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 217, 204) }
```

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

```
.background{ background-color: rgb(208,  
217, 204) }
```

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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