

Converting Colors

YUV(216.4470, -4.6574, 0.4850)

Have a look what the booklet for
YUV(216.4470, -4.6574, 0.4850)
contains.

YUV(216.4470, -4.6574, 0.4850)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(216.4470, -4.6574,
0.4850)**

Conversions

Conversions Part 1

Format	Color
Hex	D9DACF
RGB	217, 218, 207
RGB Percent	85%, 85%, 81%
CMY	0.1490, 0.1451, 0.1882
CMYK	0.00, 0.00, 0.05, 0.15
HSL	65°, 13%, 83%
HSV	65°, 5%, 85%
XYZ	64.9492, 69.3995, 69.0037
YIQ	216.4470, 2.9350, -3.6330

Conversions

Conversions Part 2

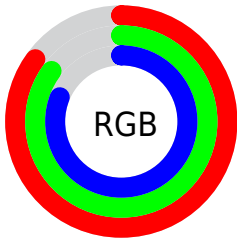
Format	Color
RYB	207, 218, 208
Decimal	14277327
CIELab	86.70, -2.28, 5.28
CIELCh	87, 5.751, 113.334
Yxy	69.3995, 0.3194, 0.3413
Android (android.graphics.Color)	4292467407 (0xFFD9DACF)
YUV	216.4470, -4.6574, 0.4850
Hunter-Lab	83.3064, -6.6200, 9.2038

Details

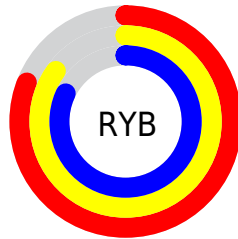
The YUV color $216.4470, -4.6574, 0.4850$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $208.5530, 4.6574, -0.4850$, and the grayscale version is $216.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $161.5610, -4.2206, 0.3850$ is the 20% darker color. If you saturate the color by 10%, you get $213.3410, -13.9721, 1.4549$, and if you desaturate by 10%, it is $219.5530, 4.6574, -0.4850$.

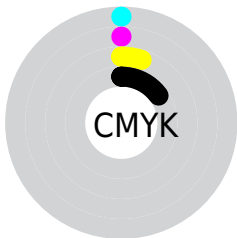
Distribution



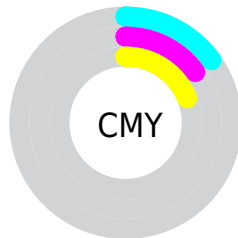
- Red (85%)
- Green (85%)
- Blue (81%)



- Red (81%)
- Yellow (85%)
- Blue (82%)



- Cyan (0%)
- Magenta (0%)
- Yellow (5%)
- Black (15%)



- Cyan (15%)
- Magenta (15%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.4470, -4.6574, 0.4850 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 216.4470, -4.6574, 0.4850 by changing the saturation by 10% instead.

■ 216.4470, -4.6574,
0.4850

■ 216.4470, -4.6574,
0.4850

255.0000, 0.0000,
0.0000

■ 188.4470, -4.6574,
0.4850

■ 161.5610, -4.2206,
0.3850

■ 135.5610, -4.2206,
0.3850

■ 110.5610, -4.2206,
0.3850

■ 85.6750, -3.7838,
0.2850

■ 62.6750, -3.7838,
0.2850

■ 40.7890, -3.3470,

0.1850

■ 20.4470, -4.6574,
0.4850

■ 0.0000, 0.0000,
0.0000

■ 216.4470, -4.6574,
0.4850

■ 216.4470, -4.6574,
0.4850

■ 213.3410,
-13.9721, 1.4549

■ 219.5530, 4.6574,
-0.4850

■ 210.2350,
-23.2869, 2.4249

■ 222.6590, 13.9721,
-1.4549

■ 207.2430,
-32.1648, 3.2949

■ 223.7130, 15.4245,
-0.6253

■ 204.1370,
-41.4795, 4.2649

■ 224.3110, 15.1297,
0.6043

■ 201.0310,
-50.7943, 5.2348

■ 224.9090, 14.8349,
1.8338

■ 197.9250,
-60.1090, 6.2048

■ 225.5070, 14.5400,
3.0634

■ 194.8190,
-69.4238, 7.1747

■ 226.1050, 14.2452,
4.2929

■ 191.8270,
-78.3017, 8.0447

■ 226.7030, 13.9504,
5.5225

■ 188.7210,
-87.6165, 9.0147

■ 227.3010, 13.6556,
6.7520

Harmonies

Analogous

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



216.9530, -5.3998, 5.3032



216.4470, -4.6574, 0.4850



216.1690, -3.0413, -4.5332

Triad

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



216.4470, -4.6574, 0.4850



215.9110, 4.9739, -8.6919



218.6420, -0.3165, 8.2070

Complementary

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



216.4470, -4.6574, 0.4850



208.5530, 4.6574, -0.4850

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.



217.8310, 3.0413, 4.5332



216.4470, -4.6574, 0.4850



216.7480, 5.5472, -5.9180

Square

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



216.4470, -4.6574, 0.4850



215.3300, 2.7953, -9.9364



217.5530, 4.6574, -0.4850



218.3710, -2.6479, 9.3216

Rectangle

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



216.4470, -4.6574, 0.4850



215.4290, -0.7045, -7.3922



217.5530, 4.6574, -0.4850



218.2720, 0.8519, 6.7775

Sweetspot

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



216.4470, -4.6574, 0.4850



254.4300, -2.1840, 0.4999



210.8760, -1.9109, 6.2477



127.3590, -1.1630, -0.3148



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.



216.4470, -4.6574, 0.4850



252.9910, -6.4046, 0.8849



214.9520, -3.9203, -2.5889



108.7890, -3.3470, 0.1850



148.7930, -73.3549, 8.0745



39.5600, -19.5031, 2.1399

Inverse Universe

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



208.5530, 4.6574, -0.4850



242.0090, 6.4046, -0.8849



210.0480, 3.9203, 2.5889



103.2110, 3.3470, -0.1850



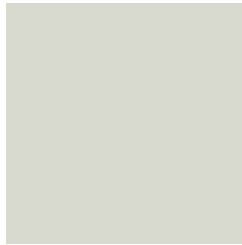
24.5060, 73.2075, -7.4598



6.4400, 19.5031, -2.1399

Previews

White Background



This preview shows how the YUV color 216.4470, -4.6574, 0.4850 looks on a white background.

Color Contrast Check

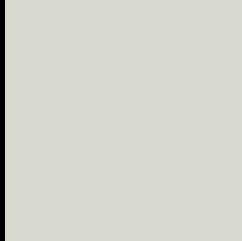
Large Text (above 18pt) WCAG AA × Fail

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 216.4470, -4.6574, 0.4850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

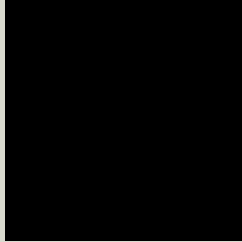
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

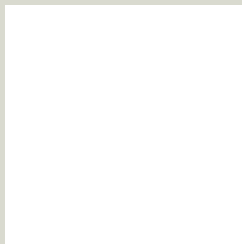
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 216.4470, -4.6574, 0.4850

Background



This preview shows how black text looks on a background with the YUV color 216.4470, -4.6574, 0.4850.



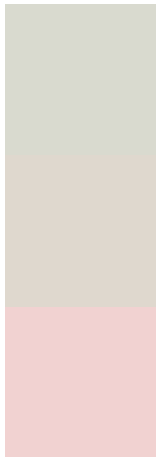
This preview shows how white text looks on a background with the YUV color 216.4470, -4.6574,

0.4850.

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

216.4470, -4.6574, 0.4850

Protanopia

216.9530, -5.3998, 5.3032

Deuteranopia

219.1550, -5.0064, 19.1581



Tritanopia

218.0310, 6.3937, 2.6038

Trichromacy



Original Color

216.4470, -4.6574, 0.4850

Protanomaly

216.9420, -5.3944, 3.5589

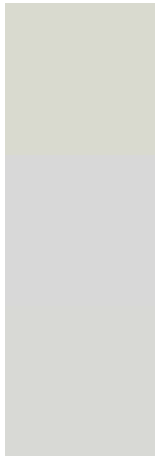
Deuteranomaly

218.1110, -4.9847, 12.1807

Tritanomaly

217.2930, 2.3206, 2.3740

Monochromacy



Original Color

216.4470, -4.6574, 0.4850

Achromatopsia

216.0000, 0.0000, 0.0000

Achromatomaly

216.2450, -1.5998, -0.2149

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.4470, -4.6574, 0.4850 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(217, 218, 207)` looks like.

```
.text, #text, p{  
    color:rgb(217, 218, 207)  
}
```

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(217, 218, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 218, 207) }
```

Border

The CSS property to change the border of an element to YUV 216.4470, -4.6574, 0.4850 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(217, 218, 207) }
```


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

```
.border{ border-color:rgb(217, 218, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 218, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 218, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 218, 207);  
box-shadow:4px 4px 4px 4px rgb(217, 218,  
207) }
```

Background

The CSS property to change the background color of an element to YUV 216.4470, -4.6574, 0.4850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 218, 207) }
```

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

```
.background{ background-color: rgb(217,  
218, 207) }
```

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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