

Converting Colors

YUV(206.4290, -17.4665,
2.2548)

Have a look what the booklet for
YUV(206.4290, -17.4665, 2.2548)
contains.

YUV(206.4290, -17.4665, 2.2548)	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(206.4290, -17.4665,
2.2548)**

Conversions

Conversions Part 1

Format	Color
Hex	D1D4AB
RGB	209, 212, 171
RGB Percent	82%, 83%, 67%
CMY	0.1804, 0.1686, 0.3294
CMYK	0.01, 0.00, 0.19, 0.17
HSL	64°, 32%, 75%
HSV	64°, 19%, 83%
XYZ	57.1887, 63.5826, 47.7866
YIQ	206.4290, 11.3730, -13.3870

Conversions

Conversions Part 2

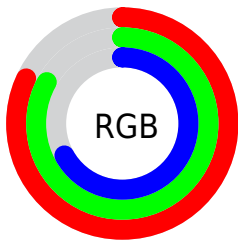
Format	Color
RYB	171, 212, 174
Decimal	13751467
CIELab	83.75, -7.84, 19.99
CIELCh	84, 21.471, 111.406
Yxy	63.5826, 0.3393, 0.3772
Android (android.graphics.Color)	4291941547 (0xFFD1D4AB)
YUV	206.4290, -17.4665, 2.2548
Hunter-Lab	79.7387, -11.5223, 20.2852

Details

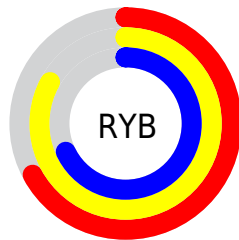
The YUV color $206.4290, -17.4665, 2.2548$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $176.5710, 17.4665, -2.2548$, and the grayscale version is $207.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.6940, -12.6671, 2.8994$, and $151.7710, -16.1561, 1.9548$ is the 20% darker color. If you saturate the color by 10%, you get $203.4370, -26.3444, 3.1248$, and if you desaturate by 10%, it is $209.4210, -8.5886, 1.3848$.

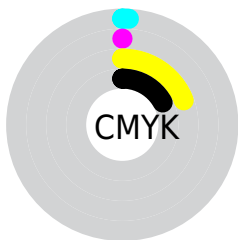
Distribution



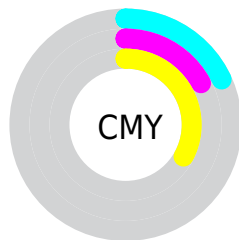
- Red (82%)
- Green (83%)
- Blue (67%)



- Red (67%)
- Yellow (83%)
- Blue (68%)



- Cyan (1%)
- Magenta (0%)
- Yellow (19%)
- Black (17%)



- Cyan (18%)
- Magenta (17%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 206.4290, -17.4665, 2.2548 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 206.4290, -17.4665, 2.2548 by changing the saturation by 10% instead.

■ 206.4290,
-17.4665, 2.2548

■ 206.4290,
-17.4665, 2.2548

255.0000, 0.0000,
0.0000

■ 178.5430,
-17.0297, 2.1548

■ 251.6940,
-12.6671, 2.8994

■ 151.7710,
-16.1561, 1.9548

■ 125.8850,
-15.7193, 1.8549

■ 100.9990,
-15.2825, 1.7549

■ 76.8140, -14.6983,
1.0401

■ 54.0420, -13.8247,
0.8402

■ 31.8850, -15.7193,

1.8549

■ 10.2780, -5.0671,
-8.1368

■ 0.0000, 0.0000,
0.0000

■ 206.4290,
-17.4665, 2.2548

■ 206.4290,
-17.4665, 2.2548

■ 203.4370,
-26.3444, 3.1248

■ 209.4210, -8.5886,
1.3848

■ 200.7440,
-35.3698, 4.6095

■ 212.1140, 0.4368,
-0.1000

■ 197.6380,
-44.6845, 5.5795

■ 215.2200, 9.7515,
-1.0699

■ 194.9450,
-53.7099, 7.0642

■ 217.7990, 18.3401,
-2.4547

■ 191.9530,
-62.5878, 7.9342

■ 218.3970, 18.0453,
-1.2252

■ 189.2600,
-71.6132, 9.4190

■ 218.6960, 17.8979,
-0.6104

■ 186.2680,
-80.4911, 10.2890

■ 219.2940, 17.6031,
0.6192

■ 183.4610,
-89.9533, 11.8737

■ 219.5930, 17.4557,
1.2339

■ 183.0480,
-90.2427, 11.3589

■ 220.1910, 17.1608,
2.4635

Harmonies

Analogous

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



208.3710, -19.4099, 18.9686



206.4290, -17.4665, 2.2548



203.8550, -10.2815, -15.6588

Triad

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



206.4290, -17.4665, 2.2548



202.8670, 18.3066, -38.4714



212.5290, 1.2182, 29.3541

Complementary

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



206.4290, -17.4665, 2.2548



176.5710, 17.4665, -2.2548

Split Complementary

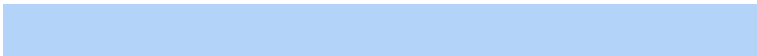
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



211.9600, 10.8657, 14.9441



206.4290, -17.4665, 2.2548



206.2370, 20.5892, -23.8868

Square

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



206.4290, -17.4665, 2.2548



200.9070, 10.8918, -40.2604



210.2610, 17.6193, -4.6139



211.7440, -8.2548, 34.4275

Rectangle

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



206.4290, -17.4665, 2.2548



202.2110, -3.5550, -26.4950



210.2610, 17.6193, -4.6139



212.7180, 4.5760, 25.6803

Sweetspot

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



206.4290, -17.4665, 2.2548



252.9910, -6.4046, 0.8849



185.0200, -6.9119, 23.6615



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.



206.4290, -17.4665, 2.2548



247.0780, -25.1815, 3.4396



200.4490, -14.5184, -10.0408



105.4470, -4.6574, 0.4850



147.6190, -72.7762, 9.1041



37.2010, -18.3401, 2.4547

Inverse Universe

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



176.5710, 17.4665, -2.2548



204.2210, 25.0340, -2.8248



182.5510, 14.5184, 10.0408



97.5530, 4.6574, -0.4850



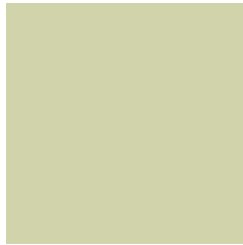
23.3810, 72.7762, -9.1041



5.7990, 18.3401, -2.4547

Previews

White Background



This preview shows how the YUV color 206.4290, -17.4665, 2.2548 looks on a white background.

Color Contrast Check

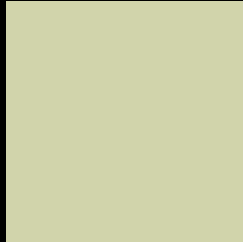
Large Text (above 18pt) WCAG AA × Fail

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 206.4290, -17.4665, 2.2548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

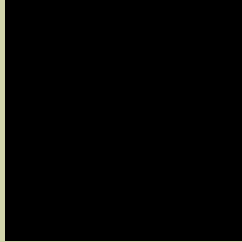
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

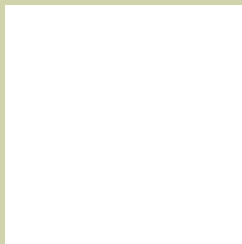
Any Text WCAG AAA ✓ Pass

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

YUV 206.4290, -17.4665, 2.2548 Background



This preview shows how black text looks on a background with the YUV color 206.4290, -17.4665, 2.2548.



This preview shows how white text looks on a background with the YUV color 206.4290, -17.4665, 2.2548.

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

206.4290, -17.4665, 2.2548

Protanopia

207.4410, -18.9514, 11.8912

Deuteranopia

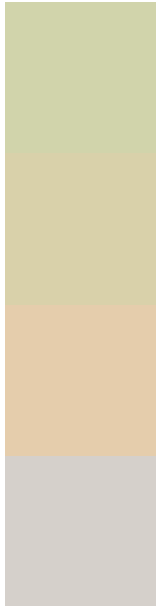
209.7680, -18.1266, 27.3905



Tritanopia

210.1130, 5.3673, 5.1629

Trichromacy



Original Color

206.4290, -17.4665, 2.2548

Protanomaly

206.9460, -18.2144, 8.8174

Deuteranomaly

208.4140, -17.9521, 18.0539

Tritanomaly

208.9250, -2.9210, 3.5738

Monochromacy



Original Color

206.4290, -17.4665, 2.2548

Achromatopsia

206.0000, 0.0000, 0.0000

Achromatomaly

205.9910, -6.4046, 0.8849

CSS Examples

Text

The CSS property to change the color of the text to YUV 206.4290, -17.4665, 2.2548 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(209, 212, 171)` looks like.

```
.text, #text, p{  
    color:rgb(209, 212, 171)  
}
```

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(209, 212, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 212, 171) }
```

Border

The CSS property to change the border of an element to YUV 206.4290, -17.4665, 2.2548 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(209, 212, 171) }
```


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

```
.border{ border-color:rgb(209, 212, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 212, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 212, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 212, 171);  
box-shadow:4px 4px 4px 4px rgb(209, 212,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 206.4290, -17.4665, 2.2548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 212, 171) }
```

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

```
.background{ background-color: rgb(209,  
212, 171) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor