

Converting Colors

YUV(206.4230, -11.5475,
17.1690)

Have a look what the booklet for
YUV(206.4230, -11.5475, 17.1690)
contains.

YUV(206.4230, -11.5475, 17.1690)	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(206.4230, -11.5475,
17.1690)**

Conversions

Conversions Part 1

Format	Color
Hex	E2C9B7
RGB	226, 201, 183
RGB Percent	89%, 79%, 72%
CMY	0.1137, 0.2118, 0.2824
CMYK	0.00, 0.11, 0.19, 0.11
HSL	25°, 43%, 80%
HSV	25°, 19%, 89%
XYZ	60.7979, 61.3609, 53.4392
YIQ	206.4230, 20.6780, -0.2980

Conversions

Conversions Part 2

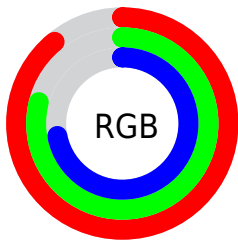
Format	Color
R _Y B	226, 214, 183
Decimal	14862775
CIE Lab	82.57, 5.93, 12.19
CIE LCh	83, 13.558, 64.064
Yxy	61.3609, 0.3462, 0.3494
Android (android.graphics.Color)	4293052855 (0xFFE2C9B7)
YUV	206.4230, -11.5475, 17.1690
Hunter-Lab	78.3332, 1.4587, 14.3854

Details

The YUV color $206.4230, -11.5475, 17.1690$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $202.5770, 11.5475, -17.1690$, and the grayscale version is $207.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.1760, -6.9888, 1.5996$, and $151.9390, -10.8159, 15.8395$ is the 20% darker color. If you saturate the color by 10%, you get $196.1700, -17.8318, 26.1609$, and if you desaturate by 10%, it is $216.6760, -5.2633, 8.1771$.

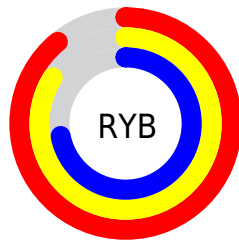
Distribution



Red (89%)

Green (79%)

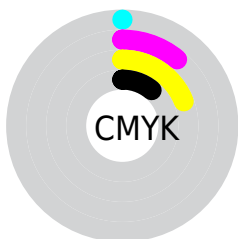
Blue (72%)



Red (89%)

Yellow (84%)

Blue (72%)

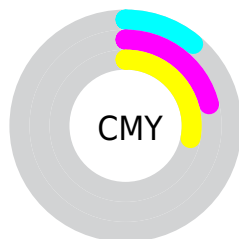


Cyan (0%)

Magenta (11%)

Yellow (19%)

Black (11%)



Cyan (11%)


Magenta (21%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the YUV color 206.4230, -11.5475, 17.1690 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 206.4230, -11.5475, 17.1690 by changing the saturation by 10% instead.


 206.4230,
-11.5475, 17.1690


 206.4230,
-11.5475, 17.1690


255.0000, 0.0000,
0.0000


 179.1240,
-11.4001, 16.5543


 253.1760, -6.9888,
1.5996


 151.9390,
-10.8159, 15.8395

 126.0530,
-10.3791, 15.7395

 101.4550,
-10.0843, 14.5100

 76.9710, -9.3527,
13.1804

 53.7860, -8.7685,
12.4657

 32.1880, -8.4737,

11.2361

■ 9.5240, -4.6953,
12.6955

■ 0.0000, 0.0000,
0.0000

■ 206.4230,
-11.5475, 17.1690

■ 206.4230,
-11.5475, 17.1690

■ 196.1700,
-17.8318, 26.1609

■ 216.6760, -5.2633,
8.1771

■ 186.0310,
-23.6793, 35.0528

■ 226.8150, 0.5842,
-0.7148

■ 175.7780,
-29.9636, 44.0447

■ 237.0680, 6.8685,
-9.7066

■ 165.0520,
-35.5216, 53.4514

■ 245.7420, 4.5642,
-17.3137

■ 154.7990,
-41.8059, 62.4433

■ 246.3290, 4.2748,
-17.8285

■ 144.5460,
-48.0902, 71.4352

■ 134.4070,
-53.9377, 80.3271

■ 124.1540,
-60.2219, 89.3189

■ 123.3390,
-60.8061, 90.0337

Harmonies

Analogous

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



207.4820, -7.6326, 21.5023



206.4230, -11.5475, 17.1690



204.8410, -12.2466, 8.0324

Triad

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



206.4230, -11.5475, 17.1690



201.2530, 2.8333, -22.1469



207.2420, 9.7407, 2.4188

Complementary

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



206.4230, -11.5475, 17.1690



202.5770, 11.5475, -17.1690

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.



205.2620, 12.6888, -9.8768



206.4230, -11.5475, 17.1690



201.4360, 8.6591, -24.0614

Square

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



206.4230, -11.5475, 17.1690



202.1740, -4.0298, -14.1846



203.0820, 12.2846, -20.2429



207.9400, 4.4666, 14.0846

Rectangle

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



206.4230, -11.5475, 17.1690



204.1390, -10.9145, 0.7551



203.0820, 12.2846, -20.2429



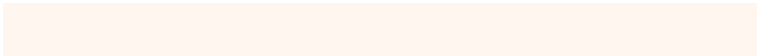
206.5620, 11.0619, -1.3699

Sweetspot

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



206.4230, -11.5475, 17.1690



248.0070, -3.9475, 6.1329



198.7070, 4.5814, 23.9360



123.4520, -2.1948, 3.9886



0.0000, 0.0000, 0.0000



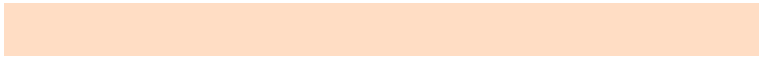
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



206.4230, -11.5475, 17.1690



228.3160, -15.9318, 23.4019



218.7500, -17.6247, 6.3583



107.2240, -3.0684, 4.1886



96.0620, -47.3586, 70.1056



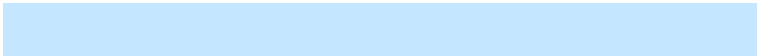
26.0920, -12.8634, 19.2133

Inverse Universe

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



202.5770, 11.5475, -17.1690



222.6840, 15.9318, -23.4019



190.2500, 17.6247, -6.3582



106.3630, 2.7790, -4.7034



79.9380, 47.3586, -70.1056



21.9080, 12.8634, -19.2133

Previews

White Background



This preview shows how the YUV color 206.4230, -11.5475, 17.1690 looks on a white background.

Color Contrast Check

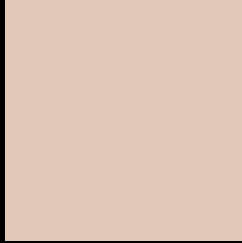
Large Text (above 18pt) WCAG AA × Fail

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 206.4230, -11.5475, 17.1690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

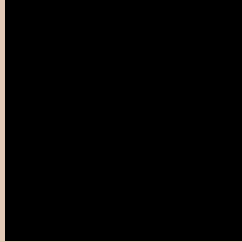
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 206.4230, -11.5475, 17.1690

Background



This preview shows how black text looks on a background with the YUV color 206.4230, -11.5475, 17.1690.



This preview shows how white text looks on a background with the YUV color 206.4230, -11.5475,

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

206.4230, -11.5475, 17.1690

Protanopia

205.4110, -10.0626, 7.5326

Deuteranopia

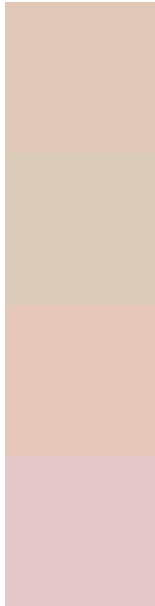
207.1680, -11.4218, 23.5317



Tritanopia

208.5770, 1.6875, 18.7880

Trichromacy



Original Color

206.4230, -11.5475, 17.1690

Protanomaly

205.9060, -10.7997, 10.6064

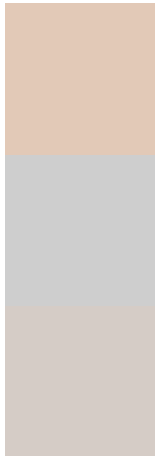
Deuteranomaly

206.8580, -11.2690, 21.1725

Tritanomaly

207.6110, -3.2592, 18.7582

Monochromacy



Original Color

206.4230, -11.5475, 17.1690

Achromatopsia

206.0000, 0.0000, 0.0000

Achromatomaly

206.0070, -3.9475, 6.1329

CSS Examples

Text

The CSS property to change the color of the text to YUV 206.4230, -11.5475, 17.1690 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(226, 201, 183)` looks like.

```
.text, #text, p{  
    color:rgb(226, 201, 183)  
}
```

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(226, 201, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 201, 183) }
```

Border

The CSS property to change the border of an element to YUV 206.4230, -11.5475, 17.1690 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(226, 201, 183) }
```


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

```
.border{ border-color:rgb(226, 201, 183) }
```

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

Here you see how a box with a 4 pixel rgb(226, 201, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 201, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 201, 183);  
box-shadow:4px 4px 4px 4px rgb(226, 201,  
183) }
```

Background

The CSS property to change the background color of an element to YUV 206.4230, -11.5475, 17.1690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 201, 183) }
```

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

```
.background{ background-color: rgb(226,  
201, 183) }
```

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